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<223> Clone ID: 700891124H1

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ttgcggaagc tcctgcaagt gcggcaacgg ctgcggaggc tgcaagatgt acccagactt 180
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<223> Clone ID: 700891126H1

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aatttcacaa gataaaccgt tgccagaaaa gggtaagctt ttgcaagcag tgatgaaagc 180
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tcgaaactgg ccgaacagac aagattgaag ggggagcgtg tgaacaacct ggatctttca 180

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220

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 tcgcatagtt cgtgctttcc tccacttcc caactccgtt gaaccgggtc ctgggggtga 180
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<400> 34531

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 gggtcacaat gctaagcttt gt 262

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<223> Clone ID: 700891062H1

<400> 34532

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cagttaccga atgtttctta ctgcattacg agtctctctc catggcctga ggccatactt 180
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<223> Clone ID: 700891063H1

<400> 34533

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 aaaatcatga acagactaat catgcatggg atattcaaag tgaaagaaac ttgtcatcct 180
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 gaattggagg tcagagggag atttggtgct gaatggtgcc tatttcacac catctggtgc 180
 tggagcctca gcaagctatg caagagcctc tagcttagga gcaaattctc ttcttggttg 240
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 atgatgggaa gtgcaagtgt ggcactaact gcacttgac ggactgcacc tgtggccatt 180
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 tcctcttctc ctacgtcacc gtgcgccaccg tcattggcca caaatacag accggaccat 180
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<211> 255

<212> DNA

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<223> Clone ID: 700891071H1

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<223> Clone ID: 700891072H1

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 tccaaagcca aagggactcc aatctctcct ccgacgatgc attcgccaaa ctctacgcct 180
 ccgtcgacgc cgacattgag gccttacttc agaaagcaga taccgcttcc aaggagataa 240
 gtaaggcatc cactgtggcg 260

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<223> Clone ID: 700891073H1

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 tgtcgctcca ctccgtatta gcgactctgg atacagaagg atacatcaga agattccgct 180
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<223> Clone ID: 700891074H1

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 cttctccggt tttccttccc ccaaggtctc tgatactgtg gttgagcctt ataacgctac 180
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259

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<223> Clone ID: 700891075H1

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aaaatatggg ctggtatttt cctatctaac ggtgcttatt atttgttgca acttgcattg 180
gttgctctgat tgctctgcct gtaccagtaa cactcgtgtt atgtccatct catctcagct 240
ggatgatggg agttgatttt 260

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<223> Clone ID: 700891076H1

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agcagtacag taacgtcctc gacaagcccc tcaccaaggg caagcaagaa gttagattga 120
gcgcatcacg gtacttggtc tcggagcttg ttcagtacaa ccaaacgcag gtcgacaata 180
ttggcgagct tgaacgaaga ctggaggatg ctggatatgc gggtggggct cgagttcttg 240
agctgctttg acacagagat 260

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<223> Clone ID: 700891077H1

<400> 34546

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tccagaagtg ctacgaaaa tctccttcag gctcccttat tgtctagatc agatagcact 180

gaggcttcat tggcaaagga taattcctct aatgatgtaa aaaatgggtca agggtaaaaa 240

ggcatagta tgcttg 256

<210> 34550

<211> 77

<212> DNA

<213> Glycine max

<223> Clone ID: 700891083H1

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aataccacaa agaaaaa 77

<210> 34551

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700891084H1

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gagaaacata acataaaaaa aaaagattaa aaggcaaat ttagggattt ttttttgga 180

aaaaaaagag aaatttatgt taccgtagtg gaagttgttg tttgggtaag atggctcagg 240

ttaaggttcc gcctc 255

<210> 34552

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<223> Clone ID: 700891086H1

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gctgtcgtc tgatctggag tttgatcaac tgtacctaata tgaccttgat ggatgagtga 180
acttcttttaa aatgatattt tcacgggtcga gaatgtagac cctgactgca aagtgtatga 240
caaggtctct cgggt 255

<210> 34553

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700891087H1

<400> 34553

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ttcagatcct ctgtttcatt gcacgtggc gttttgcacc ttggttttcc tctatttgcc 180
acactttttc ttgaaaataa ttctatctcc agtgcccatt ctcaactgca ttctccttct 240
ctctattctc cgtctcg 257

<210> 34554

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700891089H1

<400> 34554

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tcacagggga aaagtgaagg cattcccca ggatgacca tccaaggcac acaagctcac 180
tgcattcttg gggtacaagg ccggtatgac tcacattggt agagatgtcg agaagccatg 240
atcaattctt caca 255

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<223> Clone ID: 700891090H1

<400> 34555

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 cagatccgac ccaaactaca gagaatgtca gaaacacctc aaaggaagaa agcgagcctt 180
 cccccgaaaa gaggtcagat caaggctcaa atttttacta gccttggtgaa ttcagtggcc 240
 tccaccatct caaaaacggg g 261

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<223> Clone ID: 700891091H1

<400> 34556

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 aaggaagaag ggtccttctc ggataagtgc cgtgactgct atatcttact tgctgattct 120
 tgccttggtt gggtttttcc tgtttgcttc gtacatacat ttgtccagca gatcactatt 180
 acaatccgta gatcacttgt cagtctccga gggtgataat acttttgtgg actccaagag 240
 atctgagctg ccttgat 257

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 <213> Glycine max

<223> Clone ID: 700891061H1

<400> 34557

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 aatattgata atcatacata attaacaaaa ccacttaaaa aaagtggggg aaaattaata 120
 aaatgatttt gctcaaagaa acaatgagtg aatatgaaac tgacaaataa ggaataaaaa 180

aagtaaaaag aggaagtaca ctgtgaaagc ttgcggctat tgcactgagg ttcctgtggg 240
 tccattttgt caccatgcta agctttgtg 269

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<223> Clone ID: 700891037H1

<400> 34558

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 tctccctgaa actttggaag atccttattt tgaatggatc cattggcctc aagcatcaat 180
 tcctttctca gatgatgagc tcgactatat atatcatcta gaccatttc gtgattcaga 240
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<223> Clone ID: 700891038H1

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 ctctgtcatg gccgttactg tcaggaaggt tctaagagaa gctgctaata gcggacggga 180
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<223> Clone ID: 700891039H1

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 agagccttct ccagagtgat gctctttacc agtatattct ggagacaagt gtctacccaa 180
 gagaacctga atccatgata gaactgagag agttgacagc aaaacaccca tggaacatca 240
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<223> Clone ID: 700891040H1

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 ccgcaccttc acctcataat aaccgttcaa tgtggagcgc cgatgacgtg aacgggtgtgc 180
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<223> Clone ID: 700891041H1

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 tggccgtcga caggttttct ctggaactat agttaccttg aagggtgttg aagacaatgt 180
 tctggttcgt gaggttccttg aagagacagg ctatggaaga gttctagttg ttgatggagg 240
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<210> 34563
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<223> Clone ID: 700891043H1

<400> 34563

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aggaattaaa tgaactatgt agagagctgc aaactgcttt aggtaccgca aaatggcagt  180
aggaagaatt tgataaagcc gtcaggtaaa ggtaccgacc tcacagtgat gacaatacat  240
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<223> Clone ID: 700891044H1

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gtgccctctt atgcgaagtt acttacgttt caagcctaga ttactgctca gacttggtgt  180
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<210> 34565

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<223> Clone ID: 700891045H1

<400> 34565

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agaacaagaa tggcacttat cagtgggttg tcaagcccta aactgtcaaa tatgtattta  180
aaaccaacac ccatgtccct aaactatggg taatgcttat cgggtagggg ggaaacgatg  240

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266

<210> 34566
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<212> DNA
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<223> Clone ID: 700891046H1

<400> 34566

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aacttggttc ctagacgcga agatgtcaaa gccaaaagca ttactgaaat tcattcagag 180

gcagaaaaaa atcttggatt gcggccaggt gcaactgcaa gtatgagaaa tccccgtggt 240

ggtgttcaag gaaataccag ctc 263

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<223> Clone ID: 700891047H1

<400> 34567

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taaggaaatt ttggttgag gtaagactga tgcattggaag gtttcagcct ctgaatcaga 180

ttcactcaac caatgggcag aaaagtctcg tttccaagtt ggagactatc ttgtttggaa 240

atatgatggt ggctaagact cagt 264

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<212> DNA
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<223> Clone ID: 700891048H1

<400> 34568

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<223> Clone ID: 700891051H1

<400> 34571

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 gggatgtgga gagatccggg agttccagct gattctttct atgaaatccg ccccgaaatgc 180
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<210> 34572

<211> 261

<212> DNA

<213> Glycine max

<223> Clone ID: 700891052H1

<400> 34572

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 tacatttaat gataagatca aggagaaaga cactgcatgg tttgtgaaat tctgcgttcc 180
 ctggtgcaag cattgtaaga atcttggttc attgtgggat gatttgggga aagcaatgga 240
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<212> DNA

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<223> Clone ID: 700891053H1

<400> 34573

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 ctatgctcct cccaaccaga ggaaccgttc tgccaacagg cgcaaatcat ctgatcggtc 180
 tgatcggaca aacagtatcg ggaatgactt agaaaagaat caagttgctt attcaagaag 240
 tgttcacatt ccagatcacg 260

<210> 34574
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<223> Clone ID: 700891054H1

<400> 34574

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 tgccaaaactt gctgtgaata agaagggcgc cgccaccaag actaggaaac ccgccggaaa 180
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<223> Clone ID: 700891055H1

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 cgaagcccgt tcagacctcg aaatcgctcc tcgtcatggc cttcttctcc tgcgtcgcgt 180
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<210> 34576
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 <212> DNA
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<223> Clone ID: 700891056H1

<400> 34576

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tcttctgtaa gcttcttctgt cggagaattt ggaatttgat acactggatc ggatatgccg 180
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 <213> Glycine max
 <223> Clone ID: 700891057H1
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 aggaatcgtg cttctcgtta tatgggtgaa gtgaatgtgt tccccaaagga tgaaccgtcc 180
 tcggcacccg tgctcactgc attcttgggt taccaggccg gtatgactgc catgccccga 240
 gaggtcgaga agttatgatc 260

<210> 34578
 <211> 264
 <212> DNA
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 <223> Clone ID: 700891058H1
 <400> 34578

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 gactcttatg gaactgcaac atactatcgt catgttagag atccttctctc tgatgggtttt 180
 gctgaggttg cctctaatat acatataatg atgcttcaag ggagtctact aatgggtgga 240
 caactaaatt cacatgatca ttct 264

<210> 34579
 <211> 266
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700891059H1

<400> 34579

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tgcgggttct tcggtagcac cgccacgatg aacctctgct ccaaagtcta cagcgcgac 180
cgtttgaagg agcaagaaga agcgtcgacg acatccacaa tcgaaaccgc gctctcttct 240
gcctcctcgg cgaaaccgtc gtcgctc 266

<210> 34580

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700891060H1

<400> 34580

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ctctcacttc acaaacttaa tttgaacctc tcaccttgc catcatctgg aatttatttg 120
gcagtcattg attattcatc atggattaac acttccttgg atctcaacat taatctccat 180
agggttcacg aagtacttcc caaaaagcag gtggaaaaca attttttctc attggatttg 240
gaggtgaaga aatcttctgt aaaa 264

<210> 34581

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700891036H1

<400> 34581

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ggtggaaaac aaagccaaag gaactatgat gatccatta aacgacgtgg tgcaacgttg 180
tttcttcttc ggacctagag aggtagcttc tctccgtagt ttggttccca aacatcttgg 240
tagatgcaca acatttgagg tc 262

<210> 34582

<211> 270
 <212> DNA
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 <223> Clone ID: 700891013H1

 <400> 34585

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 cgtcacaggg gaaaagtga ggcattcccc aaggatgacc catccaaggc acccaagctc 180
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700891014H1

 <400> 34586

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 cttttgtttt ctttttggtg gaggaaatca atattagatt tatctgtttt tttttccttt 180
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<210> 34587
 <211> 273
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700891015H1

 <400> 34587

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 agctttgcgt aactgttgg ttctatgtga ctgagacatg aacgctcttc aagatacatg 180

gaatgcagtt ctggaatgtg tttctcgcct cgaatttata acatcaactc cttcaattac 240
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<210> 34588
 <211> 286
 <212> DNA
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<223> Clone ID: 700891016H1

<400> 34588

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 ctatagcatc acacacacac accaccgcta gggtaggggt taggggtgcg ggtgttccgt 180
 actaacaaca atggcgggtct ccgacggcgt cgtgaagaat atcgtcctct cctacaccta 240
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<210> 34589
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700891017H1

<400> 34589

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 cctgttcaac aagctcgaaa gtccgggtttt tttcccgatt cgggaaaact gggtttggtct 180
 ttgacttgga accgtgagtg gagttgaagg gatttttttt gggttctgcg aagaggtgcg 240
 gatccaggaa ggttctagag agag 264

<210> 34590
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700891018H1

<400> 34590

<213> Glycine max

<223> Clone ID: 700891022H1

<400> 34593

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aatggcctta aattacaaca ttgccctcgc cttctctacg gttctcacgc tgcttctcct 120
tcccttacca acccttgggg agctcgtgca ggagcagcca ctagtcctca agtaccacaa 180
cggccaactc ctgaaggggc gcatcacctg caatctcatc tggtagcgga ccttcacccc 240
gatccaacgg tccataatcg tgg 263

<210> 34594

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700891023H1

<400> 34594

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cctcactctc ttctgcttct atcatcttctc tgagaggctt gttgacacac aaaaaatgat 120
caccttaaca gacttctacc atgtgatgac tgcaatggtg ccaactctatg tggccatgat 180
actagcctat ggctcagtga agtgggtgaa gattttctcc cctgatcaat gctctggcat 240
caaccgtttt gtggcactct ttgc 264

<210> 34595

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700891024H1

<400> 34595

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aattccaacg atttcgatgg gtttgtgaaa gaagctattc agatgggtgaa gcccggaag 180
ggtactacga ctcttgcttt tatatttaag gaggggtgta tggtagctgc tgattctcga 240

gctagcatgg gaggatatat atcatcg

267

<210> 34596
<211> 269
<212> DNA
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<223> Clone ID: 700891025H1

<400> 34596

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ctctatcagt atatacttga aaccagtgtg tacccaagag agcatgagag cttgaaggag 180
ctacgagagt tgacggaaaa acacccttgg aacctgatgg ctacaccacc tgacgaagga 240
caacttctag gcatgctcct taagcttat 269

<210> 34597
<211> 269
<212> DNA
<213> Glycine max

<223> Clone ID: 700891027H1

<400> 34597

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agaacaaaac caaaacaaaa caactgaagc tggaaggcac caagagggtg gtcacaagag 120
ccttctccag agtgatgctc tttaccagta tattctggag acaagtgtct acccaagaga 180
acctgaatcc atgacagaac tgagagagtt gacagcaaaa cacccatgga acatcatgac 240
aacctctgca gacgaagggc agttcttga 269

<210> 34598
<211> 270
<212> DNA
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<223> Clone ID: 700891028H1

<400> 34598

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 cgatctcaaa cctagtaaca tattattgga cgctgagatg gaggccagag tcgcagattt 180
 tgggtgctgcc aagttgattc agaccgacga gtccatgtct gtcattgccg gttcctatgg 240
 ctacattgct ccagaatatg cttacaccct 270

<210> 34599
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 <213> Glycine max
 <223> Clone ID: 700891029H1
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 gtgatagggg ggagacgctt gccagattag cccagtggaa aatcgacaac tttggacctt 180
 gttcctacaa aaaatctgac cccttcaagc tcggaatctg gaactgggtgc gtactaagtg 240
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<210> 34600
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 <223> Clone ID: 700891030H1
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 ctgaggatga agaaaatgaa gaacaagagg gtggaaatgg aaatggccat gttgatgatc 180
 aggctgagga ttctcatcaga aggttctatg aacagctgag aatgcaagcc gcatgcagtt 240
 gctggagtat caagagatgt gattg 265

<210> 34601
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 <213> Glycine max

<223> Clone ID: 700891031H1

<400> 34601

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agattactac attgtagcaa gtgccaggtt tgtgaatgaa tcacgttggc aaatagttac 180
ttcagttgct atcttgcgct atacaaattc caaggggaag gcacgtgggc ctctcgacc 240
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<210> 34602

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700891033H1

<400> 34602

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gaaaaagagc tgagggaggc tcatggtgct tggcttcccc cttggcttgc tgttcactat 120
attcatagta agtcttttgt tgatagtcac tggaacaaac atgggaaacc tgctttggaa 180
atggttactc aaaaggccct agagaaaaag gcacaagctg gaaagtgggc tgaacctcat 240
gtggaaacca ttaaaactaa atggg 265

<210> 34603

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700891034H1

<400> 34603

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tcgctgccga cgttcacctc ggcaccatat actgctcgct tcagatggaa cgctacgtgc 180
tcaagcgccg caccgatggt attacatag ttaacctcgg agagacatgg gataagcttc 240
atcttgctgc taggatt 257

<210> 34604
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700891035H1
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 atggctgcaa aacagccaaa ggaggaacct aagccttctc cacaagagac tttgcctgct 180
 cagaaagaat ccaaaccac tcagagagat tccaaaaaca aggggagga tttgagatcc 240
 aaactggaga gtaaggatgt a 261

<210> 34605
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700891004H1
 <400> 34605
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 tggagaaccc tcgccatcgc tggcgtcgat tgcggagaat cttcagcgtt ccgccattca 180
 atctgctcga actgtgcaac atagcactat aaatcatttc cgtgcctttc agaatttttt 240
 accagaagca gtaccacagt ata 263

<210> 34606
 <211> 240
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890957H1
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tggtgagatc gtcgaatcga aggttatcat cgatcgtgaa actggaagat cgagaggggtt 180
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<210> 34607
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890959H1

<400> 34607

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 ctttgccaag aaccgtgaac ttgaagttat ccactccaga tgggccatgt tgggagccct 180
 gggctgtgtt ttccctgaac tcttggcccg caacgggtgtc aagttcgggtg aagccgtgtg 240
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<223> Clone ID: 700890961H1

<400> 34608

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<223> Clone ID: 700890963H1

<400> 34609

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 <212> DNA
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<223> Clone ID: 700890965H1

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 tgctcttgaa taattgccag gaggcatttg aagggtgctga aaatctgagc gaggaataaa 180
 aagctgactg cccctgagca ggagatgg 208

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 <212> DNA
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<223> Clone ID: 700890966H1

<400> 34611

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 caacaaggag ttgaagggaa tgatgaaaac tgtgaagatc caagacattg ataacttgca 180
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<210> 34612
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 <212> DNA
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<223> Clone ID: 700890967H1

<400> 34612

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tctggtgatt tcatgcgagt ctggcggttc ttggagaaag atgcttatct gttctagcga 180
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<210> 34613
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 <212> DNA
 <213> Glycine max.

<223> Clone ID: 700890968H1

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 gaacagtgtt caccagaagc ctgtcatcaa cctcttctcc ctctcttcaa ctaagctcaa 180
 acatgttcga tgaaaacggg ctccaccttg ctgcagggtc gccacacatg tca 233

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<223> Clone ID: 700890969H1

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<223> Clone ID: 700890970H1

<400> 34615

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aattagatga aaaacctttg tttccgttgc atcctttgac tgatgatcac cattcttcag 180
 ccaaaaactgc tgtcttgga aacaaaagag gggtctctga tgccatgaa 229

<210> 34616
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<223> Clone ID: 700890972H1

<400> 34616

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890974H1

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<210> 34618
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890976H1

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 gataccttaa aaggccgact atcttgatga gtctaata tggactgaaa gccgtgactt 180
 aggagatggc cacagagcta taaggatggg caacaatggt catcttaatg tggatgcttt 240

tcacg

245

<210> 34619
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890977H1

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ctcatcacgg ctgtctttac catcccatgg ttccttatga acagaggggac caaacaccaa 180

tctcatcaag attacttgga aaaagctgat aaagcaagga gccaaagact ctcatccagt 240

ctgctt 246

<210> 34620
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890979H1

<400> 34620

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aaatgcgtga gatccttcac at 82

<210> 34621
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890980H1

<400> 34621

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cttcgcctcg gtgcgcatcc aatccaatct aatcaacaaa agaagagtag agcgagagtg 120

gaatagaaca aagaagatga gcggcgccgc agcactataa ggctatcgcc gatggtga 178

<210> 34622

<211> 70
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890981H1

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<210> 34623
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890982H1

<400> 34623

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890984H1

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 gatccccggcc acaagtgcaa gacggcgctc aactccatcc accacaaccg gagccgcctc 180
 ttctccggcg gagcctgtct gatctccggc cgctgtccgg cgtcgttgga c 231

<210> 34625
 <211> 230
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890985H1

<400> 34625

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 ttcatttcaa taacacatat ccattcacia caaccaaaga cagaaccaga aaagaaaaaa 180
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<210> 34626
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890986H1

<400> 34626

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<223> Clone ID: 700890987H1

<400> 34627

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 gaaaagctaa gggcacatca caatgaaggc attgattctg gttggggggg ttggaacaag 180
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<223> Clone ID: 700890991H1

<400> 34628

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 ctttacttac atatgattac ctcatgaatg agtgtgcatg aggctttctca ggagttctat 180
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<210> 34629
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890992H1

<400> 34629

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 <212> DNA
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<223> Clone ID: 700890993H1

<400> 34630

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 tccaatcctc cttgttggtt ccctaactga gcacgttgca actcttggtc aaaatggtat 180
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<223> Clone ID: 700890956H1

<400> 34631

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002220.03250

ttgtttttgt tccttacaca ccacacacct tctcatcaa tcaatggcga ccccccaaa 180
ctacgccgca tcgacaaaga agccccagcc cataccatgg acccatcagg agaccgtg 238

<210> 34632
<211> 248
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<223> Clone ID: 700890994H1

<400> 34632

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ggcacagatg aagaagactt tggctatgca tgaagaatca acttctaggc gcaagactga 180
tgataatgta caggatggag ctgttctctgc ttatctcctt gatcgtgata acacgaccag 240
agcaaagg 248

<210> 34633
<211> 97
<212> DNA
<213> Glycine max

<223> Clone ID: 700890995H1

<400> 34633

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<211> 180
<212> DNA
<213> Glycine max

<223> Clone ID: 700890996H1

<400> 34634

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agaagagaag agaaaaccta aatcacagat ccatggcgga agaacaccga tgtgaacctc 120
ccgaagggtca ccgactctgc gtcaacaact gcggcttctt cggtagcacc gccacgatga 180

<210> 34635
 <211> 255
 <212> DNA
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<223> Clone ID: 700891001H1

<400> 34635

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 gatccattag gagagagata aacacaaaca tgggggtatcg gagaccaat atttttccat 180
 ttgtttggtg gtgattaact ataattatgc agattgtgga ggattgtgca agacaagggtg 240
 cagtgcccat tcaag 255

<210> 34636
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700891003H1

<400> 34636

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 tccaacgacc aaccaatggc cacaggtgga tgatcacaag gtcttgatgg gttccaacgg 180
 tggaagtagt aacaacaaca ctaataaggt attggcaaaa ccaggtcaag atcagcttgt 240
 gcagcagcag caacaacaac aagaa 265

<210> 34637
 <211> 94
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890916H1

<400> 34637

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<210> 34638
 <211> 85
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890917H1

<400> 34638

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cgtgcttcgc gctcctcatc ccgag 85

<210> 34639
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890920H1

<400> 34639

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cctcaccggc aagaccatca cccttgaggt ggaaagctct gacaccatcg acaacgtcaa 120

ggccaagatc caggacaagg aaggaatccc cccggaccag caacgtctca ttttcgccgg 180

aaagcaactt gaggacggcc gtacccttgc tgactacaac attcagaagg agagt 235

<210> 34640
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890921H1

<400> 34640

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atggcgagga tcaagggtta cgagctgagg cagaagacga aagctgatct gctgaatcaa 120

ctgaaggacc tgaaggcgga cttgccttgc ttcgagtagc taaggtcacc ggtgggtgcc 180

ctaacaagct ttccaagata aagggtgtga ggttgaacat tgcccagggt ttgac 235

<210> 34641
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 <212> DNA

<213> Glycine max

<223> Clone ID: 700890923H1

<400> 34641

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 tctcaaattc ccattccac agcttcaacc aaaaccagaa gaacaaaacc tttgtccata 180
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<210> 34642

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700890924H1

<400> 34642

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 aggagtggag gcaaaggcaa ataaggtaga taacagatcg agtttttgac aaagtacaga 180
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<210> 34643

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700890925H1

<400> 34643

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 ggtttggttag gtgcttgacg agattgtccg agttagggtgg gggcgtttcg gattcgtcgg 120
 agttcgatag atgcgctacg aactcgttgt gatttagtgg gtgtgcgaca atgtgaatgt 180
 gaaaaagaat aaaaaggaaa aatgaaatgc cgccgccagg attcgccttc ggccgcggc 239

<210> 34644

<211> 240

<212> DNA

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<213> Glycine max

<223> Clone ID: 700890926H1

<400> 34644

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ctgcactttc gtgcggaaaa cattcacaga catcagcaat gatcactgcc ctggtctgca 180
gagaaacagt caattgattt atattggatt ggtttttgta tcagctgctg taatgctgtc 240

<210> 34645

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700890928H1

<400> 34645

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gtggctggct catcggaaga gggacaagtc attagcggcc acaccgttga agaattggaac 120
gatcaactcc agaagggcaa cgaatccaag aaactcattg ttgtggattt tactgcttct 180
tggtgtggac catgccgttt cattgcacca ttcttggttg agctggctaa gaagttcaca 240
agtgtc 246

<210> 34646

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700890929H1

<400> 34646

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ttgtgaatgg acaatcatca gtgaagccat tgggtgaagac agtgaagggg aagaaggtgt 120
gtgacaaagg gtgggagtg c aagggttggt ctgcttattg ctgcaatgag actatctccg 180
attactttca gacataccag tttgagaacc tcttcgcgaa gccaatcgc cggtggcatg 240
c 241

<210> 34647
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890930H1

<400> 34647

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 gtcataaggta acatcatctc aattctcatg tttctttctc ctgtacctac gttttggaaa 120
 ataaagaagc acggatccac cgaagatttc tcaagccttc cttatatattg cacattgctt 180
 aattgctccc tctggactta ctatggaatc ataaaagctg gagagtacct tgtggccact 240
 gttaatggct t 251

<210> 34648
 <211> 105
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890932H1

<400> 34648

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 cattgcaaat tatgacacct aatcttatgc aaaagctaca tttgg 105

<210> 34649
 <211> 126
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890933H1

<400> 34649

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 atgactatta gttcttctta tcatatacac aactatatga tgtaaacctc tttccctgag 120
 ttgcaa 126

<210> 34650
 <211> 78
 <212> DNA

<213> Glycine max
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 agagtttgag gctctggc 78

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 <213> Glycine max
 <223> Clone ID: 700890937H1
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 tttctctatt tgcaatggaa tcaatcaggt caatttctct ttcatagaatc ctgggagttc 180
 ataatatcaa gatagaaaca aacaaacaaa ctcctttgta tatattttgg tgg 233

<210> 34652
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890939H1
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 tggccaattc tcggcaaaac atcaggaagt tggtaagga tgggtttatc atcaggaagc 180
 caaccaagat tcaactcagc tcgctgtgctc gtaggatgaa ggaggcaaag aagaa 235

<210> 34653
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890940H1

<400> 34653
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 atccctcacc gcctcggtga tgtttgatgg agcactgaac gttgatgtga ctgagttcca 120
 aaccaacttg gttccttacc ctaggatcca tttcatgctt tctcatatcg ccctgttat 180
 ctctgctgag aaagcatacc atgaacagct ttccggtgct gagatcacca acagtg 236

<210> 34654
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890941H1

<400> 34654
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 gtcaaatatg caacctcaat ttagccagat taacatctct gttacatgga ggggaaagaa 120
 atttggtgtc gagatgaata taggagccaa tgtgaaggat ctagggcagg aattgcaaaa 180
 gttaacaaat atcaaagaag ataccatgcg gttcattggt ccacagat 228

<210> 34655
 <211> 239
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890942H1

<400> 34655
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 ttctggatct gttaagttca cagaaccagc aatcgccgca ttgtgtaaaa tgtgtgcaac 120
 taatttgttc aggggttttc caccaaagtt tcgaacaagt actagtgggt gagaaacaga 180
 agatgaagaa cctatgtttg atcctgcctg gtctcaccta caagttgttt atgatctac 239

<210> 34656
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 <212> DNA
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<223> Clone ID: 700890944H1

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tttctctcca gcatagatcc ttatgtgatt ctacatata gggcacagga gaaaaagagc 180
actgtgcaag aagatgctgg atccaagcca caatggaatg agagctttct tttcactgtc 240
tctga 245

<210> 34657
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<223> Clone ID: 700890945H1

<400> 34657
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cggtctgtg gtggcacccc cagatgctcc ttcaggaag tacgttagat actacagga 180
cttcgtgctc gagctcaaca aggcactcgc tgtggacccc aggatcgaga tttgcatgct 240
cccg 245

<210> 34658
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700890946H1

<400> 34658
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ccaccacgt ctaccactac cacagtaacg gctggtccg agaatgcgcc aagtgggatt 180
ctcataaccg ccgcttcatt gtttccttct tcgaagggtg tcttggtcag gctttgctgc 240
cggagaaaga tt 252

<210> 34659

<211> 252
 <212> DNA
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<223> Clone ID: 700890947H1

<400> 34659

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 ccaggatgaa gcttgggtga aactaagtgg aggtccgaac cgactgatgt tgaagaatca 240
 gcggatgagt tg 252

<210> 34660
 <211> 105
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890948H1

<400> 34660

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<210> 34661
 <211> 246
 <212> DNA
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<223> Clone ID: 700890949H1

<400> 34661

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 cgctgagaac gatggctgca aatgtggacc aaactgctcc tgcaaccct gcacttgcaa 180
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<210> 34662

<211> 240
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<223> Clone ID: 700890950H1

<400> 34662

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 tgaaatcctt tgtcatggta gaagactaca ttgatggaga attcagcatc ggggatcact 180
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<210> 34663
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890951H1

<400> 34663

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 gggagggccg ttggagatcc acgccacaga ctccgccacc gacgacgagc gcagcggaat 180
 ctccaggagc tggaccgagg cgcttttagac gagacacaac agagctggct cttg 234

<210> 34664
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 <213> Glycine max

<223> Clone ID: 700890953H1

<400> 34664

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 agatcaagat cctcctccaa taactcatta tctagtaatt ctccaagtcc aagatcccc 180
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<210> 34665

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<211> 254
<212> DNA
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<223> Clone ID: 700890915H1

<400> 34665

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tcgcctggac ccaaactact ctctctctct ctgagcataa tattagggtt taacaaggag 180
ttttcttcac tctggcaata acactcacia cacagcgatg tcattttcgt tgttcgccac 240
tccgcagcaa cagc 254

<210> 34666
<211> 234
<212> DNA
<213> Glycine max

<223> Clone ID: 700890954H1

<400> 34666

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caccagaca ctggacaagg agcaaggaat attgggtctc aacaatgcca tagcttcttg 180
cactgaagca atagaacaac acaagggtta acttggtggtt aaggaggcag ctag 234

<210> 34667
<211> 233
<212> DNA
<213> Glycine max

<223> Clone ID: 700890880H1

<400> 34667

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gaggccaacg aagaggaatc cagcttataa gggaaagtgg agtgctcctt acatcgataa 120
cccagttac aagggcatat ggaagcctcg cgagattcca aaccctgaat actttgaact 180
cgcaaacct gattttgagc ctattgctgc tattggcatt gagatttgga caa 233

<210> 34668
 <211> 238
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890881H1

<400> 34668

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 ttctgatgac atgtcttgca ggacaacatt gacaaggaat agtactgcct ctgttccttc 120
 tcttgctgc aggccggtaa tgtcgggtca tttccagggg ggattgtttg attttcttaa 180
 gaattggggg aaaacaggtg ccatagaaac tagtttgctt atgtccggat gtaacaag 238

<210> 34669
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890882H1

<400> 34669

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 atgccgcggc atcgagctca tcgcctccga gaattcacc tccttcgcag tcacgcaggc 180
 cctcggcagc gccctcacca acaaatactc cgagggcatg cccggcaacc gc 232

<210> 34670
 <211> 227
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890883H1

<400> 34670

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 aaaactatta gcatcatcta ctttctagct tattgttcaa gagttgtgat caagaatgag 120
 ttcaacaagc cgtgcttggg cttggaccgt ggcggcaagt gttggagtgg tggaggcctt 180
 gaaggaccaa ggtatatgca ggtggaacag tgtgatgaga tcagcac 227

<210> 34671
 <211> 226
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890884H1

<400> 34671

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 gaggaataca ctaataacaa tcacttgagt gaaaacacag gtcctagtcc aagtactcca 180
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<210> 34672
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890885H1

<400> 34672

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 accgtccatg ccaccgtcca agatatcaag gatgaaaatg agacgaaaca tttggaggaa 180
 atggaaggag caaagagtca tctccatttt tttgaaatgg atct 224

<210> 34673
 <211> 223
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 <213> Glycine max

<223> Clone ID: 700890886H1

<400> 34673

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 ttctccaca acgaagcctt cgcgatcgcc acgtcacgtg ttgcatcgcg aagaaaccct 180
 aactctaaca acaataacca tcatagcttc gcctcctccg caa 223

002220"ETTES60

<210> 34674
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<212> DNA
<213> Glycine max

<223> Clone ID: 700890887H1

<400> 34674

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aaaataaaat aaaaataaca aatatttata tacgattgtg ttcttgcaag ttccaagttc 120
caagttcatg cacaactgat cttttcctct gagaagacgt gtcggtagtt gaagcatttt 180
ataagcctcc actttcctga actagtttta acatacaatc t 221

<210> 34675
<211> 220
<212> DNA
<213> Glycine max

<223> Clone ID: 700890888H1

<400> 34675

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aggatctctg tgtttcacag aggcttttct aatgttatta aagatttcaa gtatgttgat 120
tctcatgagt gggtgaaagt tgatggaaat tacgcaacca tcggcataac tgatcatgcc 180
caagatcatt tgggtgatgt tgtatatgtt gaattgccag 220

<210> 34676
<211> 221
<212> DNA
<213> Glycine max

<223> Clone ID: 700890889H1

<400> 34676

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tcttcgaccc caacccgaac acgcgaatca caatttcaaa aatcatggac tcgtcgtggt 120
tcaagaaacc cgtgccgaag aacttgatgg gaaagaaaag agaggaattg gatctggagg 180
agaagattaa acagcatgag caggaggttt ctactacgat g 221

<210> 34677
 <211> 224
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 <213> Glycine max

<223> Clone ID: 700890890H1

<400> 34677

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 ctctgaccct actgcgccag cggttcacat cgtgtacacc gagagaccac agaacgagga 180
 gcctgaggcc taccacatca gaacctcac ttcagtcctt ggca 224

<210> 34678
 <211> 222
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890892H1

<400> 34678

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 gttttttggg aatgcggcga gggcgtttga tttggaagat ttgctcaggg cttcggcgga 120
 ggtttttggg aaagggactt tcgggacggc gtacaaggcg gtgttgaggg cggggccggt 180
 ggtggccgtg aagaggttga aggatgtgac aatttccgag aa 222

<210> 34679
 <211> 226
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890893H1

<400> 34679

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 ccgtgacatg atttgtgaag gtgtgtcgg cagtgaaatt gaatttgtat tgaaaagtta 180
 tggttgcaa tcattggaaa tagtgaggtg cggatgtcgt ttggta 226

<210> 34680
 <211> 229
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890894H1

<400> 34680

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 gcttcattggg agcacgcctt tctaaagcta tgccggaaga caagctttac ccactcatca 180
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<210> 34681
 <211> 118
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890895H1

<400> 34681

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<210> 34682
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890896H1

<400> 34682

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 ggaatcatgc cctcaggctg aagacatcat caaagaacaa gtcaagcttc tctacaagcg 180
 ccacaagaac actgctttct cctggctcag aaacatcttc catg 224

<210> 34683
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 <212> DNA

<213> Glycine max

<223> Clone ID: 700890901H1

<400> 34683

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ccaacgggtca tgaacggcgg c 81

<210> 34684

<211> 85

<212> DNA

<213> Glycine max

<223> Clone ID: 700890902H1

<400> 34684

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taaggaagag caacaaccaa accaa 85

<210> 34685

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700890903H1

<400> 34685

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ttctcttggtg gataatggga acaacaactt tttggcaact acagctcgag cagatgctcc 180

tccttatggc attgatttcc caaccggaag acccactggc cgtttctcta atggctaca 239

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<211> 238

<212> DNA

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<223> Clone ID: 700890904H1

<400> 34686

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cacattacga aagcttttgg atgacttttt gcaagagaag cacaagaaca tagcaatagt 120
 ttaagcatgt gtagtagagg tgtcgaatga tcttggacca agcaattcct cattacaacc 180
 atctaaaggt aatgatccag cggatgacga cgtggacatt ggtggaaatg agccccct 238

<210> 34687
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<223> Clone ID: 700890905H1

<400> 34687

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 aacttcgaaa tctcgcgcaa gatctggacc aacgtgactc cagtcggcga caattcattg 180
 gacgacgacg caatcaacc tagccgtagc cccacccta accttaattt ta 232

<210> 34688
 <211> 230
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890908H1

<400> 34688

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 gaagtatgtt gttgactctt atgcacttca ttagtactct tatttcttat atgaaagact 180
 aaaattttgc catcatcaaa ttcaagtaga tgtaaaactt gttaagggtca 230

<210> 34689
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890909H1

<400> 34689

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aaaggtcaag tttggttcaa tttaccatga agtcaacatt agttcccaag ctacatttgg 180
ggagttgaag aaaatgctgt cagggctaac tggtttacac catgaagacc aaaagc 236

<210> 34690
<211> 244
<212> DNA
<213> Glycine max
<223> Clone ID: 700890910H1
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atggtttagcc aaaggcagcg acttgctcga aagcgataca aagcgggaaca ccctgagctc 120
tttccgaagc ccgagcccac accccccaaa gaccccgaga agaagaaaaa gaagaagaaa 180
aacagcgctt tcaagcgcaa aaggcccgag cccaagcccg gctccagaaa aagacaccct 240
ctca 244

<210> 34691
<211> 244
<212> DNA
<213> Glycine max
<223> Clone ID: 700890911H1
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gacgatgatg gcggcgatcg gcatcgcat caagcaagag aagaaaatgc caacggtggt 120
ggcggagagc gagctgaaga agcgggaacga ggagctggag aaggagctca gagagagcaa 180
ggagaggggag gagcagatga agcgcgaact ccagagcgcg tgggagaggc tgcgcgtggc 240
cgag 244

<210> 34692
<211> 248
<212> DNA
<213> Glycine max
<223> Clone ID: 700890912H1

<400> 34692

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tctccacacc ttcagcgagt attaccgctc cgaccacaaa cctccggtca ccgcgcgcct 120
catcgccgcc aacaccctca tctacctccg cccctccttc ctcgagcccc tcattccccc 180
catcgaacaa gtctgggttca accctcacct catcctcaag aacaaggact tgaaacgctt 240
cttgctgt 248

<210> 34693

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700890913H1

<400> 34693

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tcaaccatgg cttcaaagct tttactcatc actgtcttcg tttttgattt gattgctttt 120
ggacttgccg tggctgctga gcagagaaga agcaccgcta gtgttggtgac ggacaatgaa 180
aagaattata attactgtgt ctataactct gatatagcaa ctggctatgg tgttgagca 240
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<210> 34694

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700890914H1

<400> 34694

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gttccgttca gagttccttc aagttctgcg tagtaggcga cccgctcaag ttccattaac 120
agtcaattc gcgaaccagt ggtgaatcct ttgcatcaga actctcctcc atcgatcgaa 180
gagatcaaga taatggagtc gtgtccgaga actgatatag agaaccttga agacttgctc 240
gaggaggaga 250

<210> 34695

<211> 231
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890879H1

 <400> 34695

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 acgggggcaa cagcatggca ttctctgcat gtggttcgga atatggcagc aaattctatg 120
 ctatttatgg cataacaacc accttgggtc ttcattaatc cctatgcaaa tccaatctag 180
 aagattaacc atgtccctat gtaagtaccc tgaggctgaa acagtacccc t 231

<210> 34696
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890844H1

 <400> 34696

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 cggtacatcc agaactcaat cttgctggat ctgggaacct gtcacatgaa ttgaatgcac 120
 acatgattaa agatgttcat gctgttagta agacaagctc agttttggac acagacagca 180
 atggcaccaa tacttctgca attgccaagg aatact 216

<210> 34697
 <211> 135
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 <213> Glycine max

 <223> Clone ID: 700890845H1

 <400> 34697

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 attctcattt ttggtggcat ccatttcttt ctttcccagc ttcccaattt caattctgtt 120
 ggccgggggt gtctc 135

<210> 34698
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<213> Glycine max

<223> Clone ID: 700890846H1

<400> 34698

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ctgtctagct tctgtctcc 79

<210> 34699

<211> 233

<212> DNA

<213> Glycine max

<223> Clone ID: 700890847H1

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ccctaaggtc ttcttcgaca tgaccatcgg cggtcaatct gctggccgca tctgtatgga 120

gctctacgcc gacgtcactc cccgcaccgc cgagaacttc cgcgcgcttt gcaccggcga 180

gaagggcgta gggcggagcg gcaagcccct cactacaag ggctcgtcct tcc 233

<210> 34700

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700890848H1

<400> 34700

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tctggttgta ctatacgtgt tcttgatca gaaaacctgc cagtatttgc tttgcgagat 180

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<212> DNA

<213> Glycine max

<223> Clone ID: 700890851H1

<400> 34701

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ttgaggatct tgagaaagct ggtattactg tcatccagat tgatgaggct gctctaagag 120
aagggtttacc tctgaggaag tctgaggagg ctttctatct aaactgggct gttcactcat 180
ttaggattac caactgtggt gtggaggaca ctactcagat tcacactcac a 231

<210> 34702

<211> 227

<212> DNA

<213> Glycine max

<223> Clone ID: 700890852H1

<400> 34702

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acgaacagaa actctgcata aacaatataa attgggttaa gagaggacta tatctggaga 180
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<210> 34703

<211> 224

<212> DNA

<213> Glycine max

<223> Clone ID: 700890853H1

<400> 34703

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taggcgcatg ttgactttgt tgctgttgat gctgtttcta tgtcattgat gattggtcgc 180
gaatttgatg ctgggtgcaa gagtatgctg gttttaggac tgtg 224

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<211> 224

<212> DNA

<213> Glycine max

<223> Clone ID: 700890854H1

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tgctcttatt actaattagt acacattggc ccttgctttt actatgtctc ttaagctgta 180
gtccttatat gcccttatag ccttatagag actaaaactt aagc 224

<210> 34705
<211> 146
<212> DNA
<213> Glycine max

<223> Clone ID: 700890855H1

<400> 34705
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ttccacagtc actgggcata ctccgg 146

<210> 34706
<211> 208
<212> DNA
<213> Glycine max

<223> Clone ID: 700890857H1

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aactgtttct atgttattgt ttcatttctt gttcttttatt ttggttattc atcaatatat 180
ggtgaccatt atcagacaga catttcct 208

<210> 34707
<211> 226
<212> DNA
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<223> Clone ID: 700890858H1

<400> 34707

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 tcaagttatt agaaagaata ttgtgggttta ctccgtataa tttgtgcaat tgatccttca 180
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<210> 34708
 <211> 224
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890859H1
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 tgcgcccaat cgggtgttgca tttgtctttt gcagagagga ggggaagtct ttatttgtga 120
 gatttttctt aggaagatga aaaacacgga gaggattgca aatttggccg tagcaggttt 180
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<210> 34709
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<210> 34710
 <211> 228
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890861H1
 <400> 34710

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ctttgttttt catattccag ggttggtgaa atgcaagaga tccttgatca acagattgca 120
 gaagaagcag ctgaggctga aggggatggc gcaatggcat cagttgcaaa tcctcgtaac 180
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<210> 34711
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890862H1

<400> 34711

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 gtatgtgtta ttgtgctatt ttcttatgct gctgctatg atcctttgga tccaaatgga 180
 aacataacga tcaaattggga tggtgtgtca tggacaccag atggctatgt a 231

<210> 34712
 <211> 115
 <212> DNA
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<223> Clone ID: 700890863H1

<400> 34712

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 tgcatttgta tcatgttatg ttgttaatag aatatcctgc agtttttttc tttct 115

<210> 34713
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890865H1

<400> 34713

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 ttctcatcca accagtggaa caatggagct tattaagaag cttttcagct ccagcattc 180

cttcgaaaat aaaacgggtg ttctacatgt ctagcgaggg aaaaaatttg ctccatga 238

<210> 34714
<211> 234
<212> DNA
<213> Glycine max

<223> Clone ID: 700890866H1

<400> 34714

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cgatcgaaga cccacgtggc cctcgcatgc gtcaacaagg ccaactccga actctcctcg 180

caccagaaga agatcttcaa ggtcgacaat cacatcggcg tcgccatcgc tggc 234

<210> 34715
<211> 224
<212> DNA
<213> Glycine max

<223> Clone ID: 700890869H1

<400> 34715

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gcacatggc tgaggagaaa caccaccacc acttcacca ccacaagggc gatgatgtgc 120

ctggcgaggc tgattatcag aaggaggaga agcaccacaa gcaccttgag caccttgggg 180

aacttggtgc tgcggctgcc ggtgcttatg ccttgcatga gaag 224

<210> 34716
<211> 223
<212> DNA
<213> Glycine max

<223> Clone ID: 700890870H1

<400> 34716

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gaaatttgat gaatcagaag tcaatagtat tgggtggacaa aagagcgaga aaccttgtct 180

00220-ETFE560

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<210> 34717
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890871H1

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 gtggaaattg ctatttatga gaagtgcatt attgtttggg agctgcgcgt ggtgggctgg 180
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<210> 34718
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890872H1

<400> 34718

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 aatcatgccca ggcttttctc tattatcttt atgggataat ca 222

<210> 34719
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890873H1

<400> 34719

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 catttgaaag acaactataa ggactattgg cgcgtcaaga ttgccatcat caatttcaac 120
 tatcgggtga atttcaccga ttggtctctt gttgtgcagc accctaattct caataatgtc 180

acccaagtct atagctttgt atacatgccg cttcttcct a

221

<210> 34720
<211> 220
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700890874H1

<400> 34720

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agatccgacg gattcacgtt cggaatcgcg ttcgctccga aggacaagtt cttctacaac 120
aacaacaaca gcgttcagtt gtcgccgtgc gacacgaggc ttcgctctc cagtgcgaac 180
tctcagatct ccgtgttcag acccaaggtc gacgagatct 220

<210> 34721
<211> 222
<212> DNA
<213> Glycine max

<223> Clone ID: 700890875H1

<400> 34721

tatgtgtgta aatgagaatc agaattcaga aaaaaaagtg tacttgaact gggattcatc 60
tgtatcctta acttgtctct ctgctgattc ataatctctt taaggacgag gttttgccaa 120
cctgccacaa atagtattgc atggggttggg ttactaagtt gcttaaggga tccaaccgta 180
aatcttcagg aggacgatat catgggaaat atgaagatga ca 222

<210> 34722
<211> 226
<212> DNA
<213> Glycine max

<223> Clone ID: 700890843H1

<400> 34722

tagttctaga tcccagaccg ccgctcgcat atttaccttt ccttccttcc acttccaatc 60
ttcaacaact cagcactccc tccgagatct ctctctcact cccacaatcc aaccatgcac 120
catacggggc atttagacgc ggcgatagag caattgctga acgtggagaa gcagatgacg 180

0953113-032200

ctcgccggtg acgttgcggg taccagaaaa gcagccaccg atatatt

226

<210> 34723
<211> 217
<212> DNA
<213> Glycine max

<223> Clone ID: 700890876H1

<400> 34723

cagaacatta taatgcagca tgttgatcat tcagctggag atcttataca tcttttgcag 60
gggctactta gatatgaccc ctttgaaaga cttacagcta gggatgcttt gaggcattcc 120
ttctttacta gagatcaact taggagatga ttttgctgta tttgtaaacg attgggtctgt 180
ttttaagttt aaagagcatt cgagggcaaa tatggct 217

<210> 34724
<211> 221
<212> DNA
<213> Glycine max

<223> Clone ID: 700890877H1

<400> 34724

gataccatta atcttagcag aaatccgatg tttaatcaaa tgaaatcaaa tagccaagct 60
ctaggtgctg atatgcaatt aggtgcttta aataagtcaa ttgcaacatc agatataaac 120
ctctctgctg ctattgctgg gtctcaagca ttggtattac aaaaagattc acaaccàact 180
ctggcttcaa catctgctgg tcgtgagaac tagggagaca c 221

<210> 34725
<211> 227
<212> DNA
<213> Glycine max

<223> Clone ID: 700890878H1

<400> 34725

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tcgtaaaaaac tttgaccggc aagaccatca cccttgaggt ggaatcctcc gacaccattg 120
acaacgtaaa agctaagatt caagacaagg aagggatccc acctgaccag cagagactta 180

tctttgcggg taaacaactt gaggatggtc gcacccgtgc cgattac

227

<210> 34726
<211> 224
<212> DNA
<213> Glycine max

<223> Clone ID: 700890808H1

<400> 34726

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aatccggacc cggttgtgat ccgccaggtt tgggcttcaa atctcgaatc cgaattccaa 120
ctcatccgcg aactcatcga ccactatcct tttatctoga tggacacaga attccccggt 180
gttggttttcc gaccacacct ggaccccaca aaaccctaca acca 224

<210> 34727
<211> 226
<212> DNA
<213> Glycine max

<223> Clone ID: 700890809H1

<400> 34727

ctcgagccga tttattaatt atgtcaaaaa atgcaacaac aacaacaaca tctgaaaatg 60
ggaccaaagt gttgtcacca ctcccactcc ctattatggg aacatgctgc aagcaagaag 120
atgccaaactc agccaaaagt gatgtccttg attcggatag cccacattgc acttcattcg 180
tggagcctgc tgattcctct catgcctttg aaccagaaga ccactc 226

<210> 34728
<211> 226
<212> DNA
<213> Glycine max

<223> Clone ID: 700890811H1

<400> 34728

aattaatcat tcttttggtt atttcatcca aaattgtaat tcgcttgtgt tcctcctaga 60
aattactttc ataactgttg gaaaatagga gctttttaga aaataaagag cattttttta 120
tcattgcttc tctttccttg atattttgta tagctagggt cactgcatct taggaagtat 180

tgataactta attgctctct tgtaaattgt agttggagat tgatta

226

<210> 34729
 <211> 226
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890813H1

<400> 34729

ggctcgagaa agcattgaat tcaaaaactt aagttcattc cttgtgtttt gctttcttcc 60
 tcaaaaccaa acatgtcgaa cacatgcggc aactgcgact gcgctgacaa gactagctgc 120
 accacgggaa acagctatgg tgttattgta gagactgaga agagttacat cgagactggt 180
 gtcattgatg ttccagcagc tgagcatgat gggacatgca agtgtg 226

<210> 34730
 <211> 232
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890814H1

<400> 34730

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 tatattcaat tggctcttca actgtaaattg agccaactta ctattagatt gaaaagaata 120
 agtttcttac actgattgag tactatgttg gcttggaataa gtttcatgca gttatgtttt 180
 tattttgtgc ttggcttatt ttcttcttgt tgcacagggtg tatatgtttt tt 232

<210> 34731
 <211> 236
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890816H1

<400> 34731

ccctaaacga ctctatctct cttcgttttg ttcttccttg cgctcctcct cgttcgttcg 60
 ttctccctcg cgtagatcgg caatggcgga gaccgagacg ttgcttttcc aggctgagat 120
 caaccagctc ctcaagtctca tcatcaaacac cttctactcc aacaaggaaa tcttccttcg 180

tgaactcatc agcaacgcct ctgatgcttt ggacaagatt agatttgaga gtttga 236

<210> 34732
 <211> 233
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890819H1

<400> 34732

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 tcttatggaa ccaaacttta acaacaaccc aaagatgtta cagaaaaagt ggctttctac 120
 tgctttgaat gtgagaagcc aaggatcagg cagtgaacc atagtctttg ctcatggcta 180
 tggaacagac cagtccatct gggagaagat cactccctcc tttgctgaaa act 233

<210> 34733
 <211> 232
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890820H1

<400> 34733

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 atgagcatat accaccagat acctgcgttg attctggatt cttgaagcca ttccttctat 120
 tttctggtga cagcttcgtc ttgtgctata ctatataaca actcaccctc tctccttacc 180
 tcttcattcc caacacaaaa cactctctcc tcttcaacc tagccctggc ca 232

<210> 34734
 <211> 228
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890821H1

<400> 34734

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 gttcctcaca gacctgctga cgatttggca ttttcaattg caaggtttat acagaaaggg 120
 ggatcatttg tcaattatta tatgtatcat gggggaacaa attttggtcg aactgctggc 180

ggtcaccttta ttgctacgag ctatgattac gatgcgcctc ttgatgaa 228

<210> 34735
 <211> 225
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890823H1

<400> 34735

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 agtatttttta gatgccatat tctgaagata gaatgtagat gtataaatga caaagggtcct 120
 tgcactaaga tcctgtagcg gcttctttttt tcctctacag ttgaatgtaa aggaggatgc 180
 attggtaaaa ttcaaaagtg aacttgctgt catggaactt gaaat 225

<210> 34736
 <211> 223
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890824H1

<400> 34736

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 gggcctccac acagttgcga ttggtacatc tgttcgtagc actggagtgg ctcatgcatt 120
 agagagtatt cataatatca aggaggcatt tcctgagctc tgggatgctg cagtgcagca 180
 tgcaatttgt gcaatacaat gttggacttg acacatcggt aaa 223

<210> 34737
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890825H1

<400> 34737

aagtggttga gagtggactt caaggagcca gtgtggttca aagctggagc ccaaatttc 60
 tcagaagggtg ggcttgacta tttggggaac ccaaaccttg tccatgcaca aagcatcctg 120
 gcagtgctgg gcttccaagt taccctaagt ggccttggtg aagggtaccg catccatgag 180

cttgatgggg tgggcgaggt caatgacctc taccctgggg gccca 224

<210> 34738
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890826H1

<400> 34738

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 ccggcaacta atgagtacat gtgattttcg caggcagaag gaatctgatg agtgtgagtc 120
 tgtgtatagc tatgccatgg atcaagagtt tggtaatatt gatcagtaca acatctatgc 180
 tcttccatgc aacaactctg atggtagtag tagctctgcc accc 224

<210> 34739
 <211> 225
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890827H1

<400> 34739

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 aactcccaag gcatcgtcga aatggaccga gaacatttcc tcaatagcag ctgcgatctt 120
 cttccttctc atcatctttc agatccctct tttcaggggtg acttgcagat ctggcatgtg 180
 tacaaccctt ttgcatgtca cgtcgtcaca attaattgca agtga 225

<210> 34740
 <211> 228
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890828H1

<400> 34740

gtgatatggc ttgtaattct atctcccaag cagcttcaat gggcacacaa atatgcaccc 60
 aaatagcttc catattctca aagcccaccc atccataccc ggccccacta gaccttttag 120
 tcaccgaact cacctccgtt gcctctcaaa aaggcaacgt ttttctatac ggcgtgggcc 180

gcgagggcct catgctcaag gccctctgca tgcgctctt ccacctgg 228

<210> 34741
 <211> 232
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890830H1

<400> 34741

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 ttcaaacctc aaactccaat tataagccac cccatataga tctcttttca tgctaaacac 120
 acacacacgc catgaagtcc aatccaaaat caaaaacacc accccactta ttatactacc 180
 ttctaataat cctctcctta ctgttcttct tcccggtgtg atcctctacc ca 232

<210> 34742
 <211> 232
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890831H1

<400> 34742

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 ataccttagg aactccctca tattctgtat atatgtgcaa acaccaaact cacaataaac 120
 atcactcggg aaagctgtat atagaaacgg atgactcagt gcttgaagat ggcaagcatg 180
 gtgatcacia ccgcagcccc gatcatggag gcggacttgc cactgttccg gc 232

<210> 34743
 <211> 217
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890832H1

<400> 34743

ggaagcccca aagattgaaa acccaaagtg tgaggccgcc cctgggttggtg gtgaatggaa 60
 gaggccaacg aagaggaatc cagcttataa gggaaagtgg agtgctcctt acatcgataa 120
 cccagttac aagggcatat ggaagcctcg cgagattcca aaccctgaat accttgaact 180

cgaaaaacct gatgttcctg gttctactgc tattggc

217

<210> 34744
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890833H1

<400> 34744

attaattgca agaatggcac ttcgttgctt ggtgatgtcc cgttctgttc tcttcaactct 60
 tgggtcttgcg agagaaaagcc atgccagaga cgaagatttt tggcatgctg tttggccaaa 120
 cactcccatt ccaagttcat tgcgagatct tctaaagcct ggccctgcaa gtgttgaaat 180
 cgatgatcac cctatgcaaa ttgaagatac acagtaccgg agaacgtctt ctataaagaa 240
 ga 242

<210> 34745
 <211> 230
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890835H1

<400> 34745

gagaaataag ggaaaaatgg tgtcgctgaa actgcagaag cgcctctccg caagcgtgct 60
 caagtgcggc agaggaaagg tttggcttga cccaatgaa gtcaacgaaa tctccatggc 120
 caattctcgg caaaacatca ggaagttggt taaggatggg tgtatcatca ggtagccaac 180
 caagattcac tcccgctcac gtgctcgtag gatgaaggag gcacagagga 230

<210> 34746
 <211> 231
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890836H1

<400> 34746

ccactacacg caaagcaaaa cacacctcca cattcaccct tagtcctcac tcaacaaaca 60
 aattagccat gagcaccaag gagtgctgcc accacgacga ggagcggcgt cagctcccc 120

0953113.032200

gccgcgtatt cgccgcgatc ctccgcttca tctctctcat cctcctgggtg atcttctctca 180
tctggatcat cctccgcccc accaaacccc gcttcctcct ccaagacgcc a 231

<210> 34747
<211> 227
<212> DNA
<213> Glycine max

<223> Clone ID: 700890837H1

<400> 34747

gtttttggcc tccacacaac aactacattg ccacaaattt atgctccttt ttctcctgta 60
tcttggtgaa cttaggctaa tcctataccg gtcagagcaa tggtcgaccg gtgataatcat 120
tggtggcgtg gaccaaattg ctacagatat tgctattcct aagcggtagt gtctgggttg 180
cactaagtgc ctgcttacag acaatgtgta aattgagacg aatgaac 227

<210> 34748
<211> 92
<212> DNA
<213> Glycine max

<223> Clone ID: 700890838H1

<400> 34748

aattgcttta tgggtttatg aattatcaat accccactta ttgtaacggc aatagtctat 60
taatttttaa accggtttcg atttttggat tc 92

<210> 34749
<211> 225
<212> DNA
<213> Glycine max

<223> Clone ID: 700890839H1

<400> 34749

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gacacggtac gctattttat cacttgcttg agagtaatta ggagaaaact atttaagctt 120
ctgagaaggc tgtaatttc tgtgcatagc attgaagcac ttgaacagat gcagaaattg 180
ggagagttta aattaccacc tttcttcaat taccacactt acttc 225

<210> 34750
 <211> 227
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890807H1

<400> 34750

aacgctgaat taattttcgc ctaaaaagac aattcgggtg gatctaggtt agcagcaacc 60
 agcgcaatct gggacttttc tttctttctc cccacacca gattcaaaaa ctcagctctg 120
 ctctttcggt tggatctcaa aacctgttct tcttcgattg gttctatggc attctagctt 180
 ccctcgggtct ctggcagaaa gaagccaaaa ttctcttctt cggctctc 227

<210> 34751
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890840H1

<400> 34751

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 tgaatattat atgacagcac ttgttcatga gacgtcaaga gagtagattc tttccttatt 180
 ttttaaccat gatcccaaacc taattgatat ggtgactcca tagt 224

<210> 34752
 <211> 223
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890841H1

<400> 34752

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 cttcacactt gattgggcag ggatttcagc ttatcatggc agtccccttg tttcaccatg 120
 gtcttccatt gttaatgtgg gaattggatt tatcatgttc atctacatca ttctacctct 180
 ctgttactgg aagttcaaca cttttgatgc acacaagttt cct 223

<210> 34753
 <211> 222
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890842H1

<400> 34753

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 aggtttggga ccaccgccgg tgacgtgtca ctcacgctag ggcttcgccca cgccgggaac 120
 atgccggaga aaactccgtt ctccgttagg gactttggag gcatttaaaa cttaatcaat 180
 tccccctata ttacttcaca tgatcataaa agataagaat ga 222

<210> 34754
 <211> 238
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890760H1

<400> 34754

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 aaggcaaagg attacgatga taagttgtca gagaaagaaa cttttattga acagcttaat 120
 gtggagcttg aagcttcaaa gatggctgaa tcttattcac gtagcctgct agaggagtgg 180
 cataagaagg ttgaggaact agaaatgagg attgaagaag caaacaagct ggagagat 238

<210> 34755
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890761H1

<400> 34755

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 gccaaagaaat gaaaatgggc agactattgg tcctccacaa tcatccacgc acggctttga 120
 gcctgtaagc atttcaaadc ctacgtacag aggagttgaa gagtacttcc cagaggagga 180
 aattcgattt agaagtaatg agatgctaga aaatgaagat atgcagcatc tactccgtat 240

<210> 34756
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890764H1

<400> 34756

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 acaaaagtct ccttcagagc gatgcactct atcagtatat acttgaaacc agtgtgtacc 180
 caagagagca tgagaggctt gaaggaacta cgatagttga cggaaagaca cccttgggag 240
 caacactggg tcc 253

<210> 34757
 <211> 239
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890765H1

<400> 34757

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 tggacagtgt gataaagaaa gcgaaggaat tgggggagaa gagagtggat gattcggagt 180
 cgtatgcgtt gtttttgaag aagaggaaa cggttgataa gagggttgtg gaggagaat 239

<210> 34758
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890766H1

<400> 34758

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 cggctcaaat taaagccatg aaataagtag ctggtaaatt aaaattggaa ttagcacaat 120
 tcgcagaatt agaagctttt gcccaattcg cttctgatct cgataaagct actcaaaatc 180

aattagcaag aggtcaacga ttgcgcgagt tgcttaaaca atcccaatca gtcctcttta 240
ccg 243

<210> 34759
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700890772H1

<400> 34759

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atttgcaggc tacgaatctc tgctcctaga tttttgtttc ttaattatca atctagtctc 120
taaattatat taaaagattt aatttgattc caaattttta aataatttaa tttaatttct 180
atattatattt aaaatagatt aatttgacca tttttgtcca attgtgatta gtataacaaa 240

<210> 34760
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700890773H1

<400> 34760

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gatggtagcg gcagctggag ctctaggttt ttgaaggtgg ctagtgcagc tgccgctaca 120
gccgccgttg ccggcggttt atatgccatt ctttcatcct caacctctgc tagctctgag 180
atggaagtgc cgtttggcag cgcacggcgt gagagcaaag aacgtgacga tgggtggctcc 240

<210> 34761
<211> 237
<212> DNA
<213> Glycine max

<223> Clone ID: 700890775H1

<400> 34761

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agtatgttaa ctctcctaata gccaaaaaaa ccgtaggttc ttgtgggtatt gcctatccaa 120

cttggttaagc acctcttata tatatatata aaatgtgtga acaatatata tatattgatt 180
 aaaaaatata gtttaattta tatacacact ttgatcctat aaaaacatct tgacaca 237

<210> 34762
 <211> 238
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890778H1

<400> 34762

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 ggagatggcg aacgagaacg ctgtcgttgc ggcactcgcg gcgttggtgc tactcgcggc 120
 gagtgtggcg gtggatgctc aggagaactc ggacgtgaag acgctggtga agtacaagca 180
 cggaagaag tactcgaca aaggatggga atgtaagggc tggtaattt actgttgt 238

<210> 34763
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890779H1

<400> 34763

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 gtgtggatta gtcagtaca taaatcttgt cggtgtaact atcggttaca cgataacggc 120
 ttcaattagt atggtggcgg tgaagaggtc gaattgtttt cacaatatg gtcacatgt 180
 taagtgtat acgtcaaaca accctttcat gatcctcttt gcctgcattc aaatcgt 237

<210> 34764
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890780H1

<400> 34764

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caagctcccc gaggccacct tctcctacct ggactcgtcc ggcgaggtgc agacgacgac 180
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<223> Clone ID: 700890781H1

<400> 34765

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<223> Clone ID: 700890782H1

<400> 34766

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 ctcgtaagtc tgctccggct accggcggcg tgaagacgcc gcacagattc cgtccgggaa 180
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<223> Clone ID: 700890783H1

<400> 34767

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<400> 34768

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 gcccgttgat gaccgaaagg ttggaaagcg gaaggcttcc ggtaagcctg ggagaagtag 180
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<223> Clone ID: 700890788H1

<400> 34769

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 tgtacgcttt ggtgaactca ttgaatgatt catgaagcga tggaagagac tcatggtttg 180
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<223> Clone ID: 700890789H1

<400> 34770

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 tgaagaagaa accgagcgcg agagagaatt cgtcgtcgtc gacgacggcg gcgagagaag 180
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<223> Clone ID: 700890792H1

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 gtgaggagta ccctaagctt gggagtgtct tcacctcaa gctcttcac aagaacatca 180
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<223> Clone ID: 700890795H1

<400> 34772

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 aagtttaaag cataactatg acttaaatat cattttcttc atctgtgaat ctctatcctt 180
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 <212> DNA
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<223> Clone ID: 700890796H1

<400> 34773

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gccaccgtcc aagatatcaa ggatgaaaat gagacgaaac atttggagga aatggaagga 180
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<223> Clone ID: 700890801H1

<400> 34774

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cctcttgtgc ctttgattgg cctgttgaag cctcatggta aactagtcac ggttgggtgca 180
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ggca 244

<210> 34775
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<223> Clone ID: 700890802H1

<400> 34775

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cga 243

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<223> Clone ID: 700890803H1

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 ggattgacat tgaaaacatg cagggtggaaa aggcctgtga agagcttgct gttgctgtgg 180
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<223> Clone ID: 700890804H1

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 <212> DNA
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<223> Clone ID: 700890805H1

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<223> Clone ID: 700890806H1

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tttctagaga ggtgattgcc ggtgtaaacc caaatgtgat ccgtcgtctt caagaattcc 180
caccaaagag cacacttgat cccacactct atggtgatca aaccagta 228

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<223> Clone ID: 700890759H1

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gagaaccatc ttgttttgtg ggatctgaga cctcttggat tgactgggaa taaggtggag 180
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<212> DNA
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<223> Clone ID: 700890713H1

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aaaggc 246

<210> 34782
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<223> Clone ID: 700890714H1

<400> 34782

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gatgcaatag ccaatgagag cattcttttt gataactcaa aagatgctcc aagtatgaca 180
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<210> 34783

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<212> DNA

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<223> Clone ID: 700890715H1

<400> 34783

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ccctctttac attcccgcgc cgttcgcgca agtggaggat ttttctccag aatgggtggca 180
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<210> 34784

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<400> 34784

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aaaacta 247

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<400> 34785

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<210> 34787
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<223> Clone ID: 700890724H1

<400> 34787

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<400> 34794

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g 241

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tgctttctcc tggctcagga acatcttcca tgactgtgct gttcagagtt gtgatgcttc 240

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<223> Clone ID: 700890751H1

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<212> DNA

<213> Glycine max

<223> Clone ID: 700890757H1

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<212> DNA

<213> Glycine max

<223> Clone ID: 700890758H1

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c 241

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<213> Glycine max

<223> Clone ID: 700890680H1

<400> 34813

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ccattatcat caacaacctc aaattccaag cactagttct ctgagttgtt ttgtgagata 180
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ggaagaa 247

<210> 34814

<211> 78

<212> DNA

<213> Glycine max

<223> Clone ID: 700890681H1

<400> 34814

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<210> 34815

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700890683H1

<400> 34815

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 tatagtgttt ggattggagg atcaatcctt gcacccctca gcaccttcca gcagatgtgg 180
 atatcgaagg gtgaatatga tgagtctggt ccatccattg tccacaggaa gtgcttctaa 240
 gtccaaaaga 250

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 <211> 171
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890684H1

<400> 34816

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 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890685H1

<400> 34817

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 aaattataag ttgggaaaaa cactcggcat tgggtccttt ggcaaggtga aaattgctga 180
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 catggaaatg ga 252

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 <213> Glycine max

<223> Clone ID: 700890686H1

<400> 34818

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 agagttacat acagaaaagt cagatgtata cagttttggg atatcaatca atgaactcct 180
 aactggtggt gtgccatata ctgatcttcg tacagaagcg caggctcaca cagtgttga 240
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890687H1

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 atgtatgct 129

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<223> Clone ID: 700890688H1

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 aagcaattgt cccttaataa agttggccac gctcttcag agattgagcc agcattcaaa 180
 aagttttctt cttctgagaa agtttcaagt ttgatgcgct ccttaggtta caagagacct 240
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<210> 34821
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890689H1

<400> 34821

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gtaagtttca tatatgttgt cttcctggat ttttaggtgt cctttagtga ttaaaatgat 180

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ttgt 244

<210> 34822

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700890690H1

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aaacggctcg caagtccacc ggcggaagg cgccacgtaa gcagctggcc accaaggcgg 120

ctcgtaagtc tgctccggct accggcgggc tgaagaagcc gcacagattc cgtccgggaa 180

ccgtagcgct ccgagagatc cggaagtacc agaagagcac ggaacttctg atccggaagc 240

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<213> Glycine max

<223> Clone ID: 700890691H1

<400> 34823

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tcaccactca cactcctcca cttaaaacag tttgttttgg cttagctttg gcttctctaa 180

tcaacaaggg atgtgttcta acattctctc ttgagtggca gaagcagata tgcattctcc 240

aaa 243

<210> 34824
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890692H1

 <400> 34824

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 agagaggtac tactcccgca tgacgctgga cttccacacg aacaagaagg ttctggaaga 180
 ggtggccatc attccctcca agaggctccg caacaagatc gcgggggttct ccacccatct 240
 c 241

<210> 34825
 <211> 242
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890693H1

 <400> 34825

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 gcagtggtag caacccatgc agaaaccttg cccctgaag tttactggaa gtcgaagctt 180
 cccaccactc caatgccgaa agccattaca gatatccttc acccagattt ggcagaagac 240
 aa 242

<210> 34826
 <211> 241
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890694H1

 <400> 34826

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 gcttcaaagg gttctagtgc tccacatgtg gaaactgaag cagcccctcc tgccaaggct 180

aagatagtgg ggtggccacc aatcagatcc tacagaaaga acagccttca ggagaatgat 240
g 241

<210> 34827
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700890695H1

<400> 34827

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gacaccatcg ataacgtcaa ggccaagatc caggacaagg agggatatccc cccggaccag 180
caacgtctca tcttcgccgg aaagcagctc gaggacggcc gcaccctcgc cgactacaac 240
atcca 245

<210> 34828
<211> 252
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<213> Glycine max

<223> Clone ID: 700890701H1

<400> 34828

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ccactgggtca cctgatttac aagcttggag gcattgacaa gcgtgttatt gagaggtttg 180
agaaggaagc tgctgagatg aacaagaggt ctttcaagta tgcttgggtg ctggacaaac 240
ttaaggctga gc 252

<210> 34829
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<223> Clone ID: 700890702H1

<400> 34829

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ccaaatcacc aattctaatt ccattcttca ggagttgaat tgaattcgtg atgaagaggg 180
accacaaaga tagctgcggc gccggcgagg cgcgggaggg actgtgaagg gtgagtgttc 240
ctcaatgcag 250

<210> 34830
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<223> Clone ID: 700890703H1

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gtggctagtgc cagctgccgc tacagccgcc gttgccggcg gtttatatgc cattctttca 180
tcctcaacct ctgctagctc tgagatggaa gtgccgtttg gcagcgcacg gcgtgagagc 240
aaagaacgtg a 251

<210> 34831
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<223> Clone ID: 700890705H1

<400> 34831

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ggacatgtcg actctgggaa gtcaactacc actggtcatt tgatctacaa gcttgagagt 180
attgacaagc gtgtgattga gaggttcgag aaggaggctg ctgagatgaa caagaggtca 240
ttcaagta 248

<210> 34832
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<212> DNA
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<223> Clone ID: 700890706H1

<400> 34832

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 gcgaattcta cctgcgttac tacgtcggtc acaagggcaa gtttggtcac gagttcctgg 180
 agttcgagtt ccgcccagac ggcaagctcc gctacgcaa caactccaac tacaaaaacg 240
 acaccatcat c 251

<210> 34833
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<223> Clone ID: 700890708H1

<400> 34833

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 ttttcggtga gatcgagatc gatcgaacat ggatgaggag tacgatgtga tcgtgttggg 120
 cacgggtctc aaggagtgc ttctcagcgg tcttctctcc gtcgatggcc tcaaggttct 180
 gcatatggat aggaacgact attacggagg agaatccact tcgctcaatc ttattcagct 240
 ttggaaga 248

<210> 34834
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890710H1

<400> 34834

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 agtaagcttc agagtgatgc tcttagagaa gctatctcag gaatcatgac tgattccaag 120
 gaaaagaaca ggaaatttgt ggagaccatt gaactccaaa ttgggctgaa aaactatgat 180
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atgaag

246

<210> 34835
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<223> Clone ID: 700890672H1

<400> 34835

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 aggaattagg caacgccgtt cccaaggagc cgggtgttgtt tctgaaaccg acgtcgcttt 180
 acttgaaaaa cggcggaacc atccaaatcc cacacaacga gggctctctg catcacgagg 240
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<223> Clone ID: 700890634H1

<400> 34836

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 tgtgtgagcc ttggtcttgg agttgttgca attgttcttg tgggtgactga ttcccaagtc 180
 aaagagtttt tctcctttca gaagaaagct aaatttacag acatgaaggc tttagtgttc 240
 ttggtag 247

<210> 34837
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<223> Clone ID: 700890635H1

<400> 34837

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gctctactgc ctcgagcacg gcatcggggc cgatgggcaa atgccaagtg acaagacagt 180
tggcgggtgg gatgatgctt tcaatacttt cttcagcgag actgggtgctg gaaagcacgt 240
gccacgtgca gtgtttg 257

<210> 34838
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700890636H1

<400> 34838

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actctgggtc cagctgtag agatggtgaa cacgtttttg gcgttgctcg catctttgcc 180
tccttcaacg acaccttcat ccatgtcact gatttgtctg gcagggaaac cttgtccga 240
atcactggtg gtatg 255

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<223> Clone ID: 700890637H1

<400> 34839

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aatttccacc acctcatgta gctaaagta gtaagtctgg gtggatgact gatgaggaat 120
ttgctagaga ggtgattgcc ggtgtaaacc caaatgtgat ccgtcgtctt caagaattcc 180
caccaaagag cagacttgat cccacactct atgggtgatca aaccagtagc ataacataag 240
aacaattgga gatt 254

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<211> 256
<212> DNA
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<223> Clone ID: 700890638H1

<400> 34840

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 caaacattgt ccagccgaag tatgaagtaa aggcttcttt aaatatttca aaaaatcaga 180
 atcaagggaa tgttgcccct cagacatact tgaatgggtg tgttcagaca gactatttgg 240
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<210> 34841

<211> 101

<212> DNA

<213> Glycine max

<223> Clone ID: 700890639H1

<400> 34841

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 caaaagtgcg ctcacccac acgctctgtc tctctctaga a 101

<210> 34842

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700890640H1

<400> 34842

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 taaatgccgc aagagagggc gccaaagacta ccctattgct gccactgcca aggaattgaa 180
 gaccctagtc tagtacaaca tatcatattc ttgttaatta attacctctt aagaacaac 240
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<210> 34843

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<212> DNA

<213> Glycine max

<223> Clone ID: 700890641H1

<400> 34843

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ctgcaagtgc ggcaacggct gcggaggctg caagatgtac ccagacttga gctacactga  180
gtcaaccacc accgagacct tggatcatggg agtggcacct gttaaggctc aatttgaggg  240
tgctgaaatg g                                     251

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<210> 34844

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700890642H1

<400> 34844

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ccaagccgcc atcaacagcg gcgacgtcac caacctctcc caagaagact ccctcgagcg  180
cgacaccctc gtccaccgct gctacatcgc cctcgccag cttcagttcg tcattctccga  240
gatccatga                                     249

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<210> 34845

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<212> DNA

<213> Glycine max

<223> Clone ID: 700890644H1

<400> 34845

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agccttgagc aaacgaatac atattagttc actgtaatag tgtgtgtatc tcaacattca  180
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gtaa                                           244

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<400> 34847

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<400> 34848

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<210> 34850
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 ccgaggaggt agcccccaag atagacgacg gacccatccc tgctgtttac aaactcgact 180
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<210> 34851
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 <223> Clone ID: 700890653H1
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tcaagttatt agaaagaata ttgtggttta ctccgtataa tttgtgcaat tgatccttag 180
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 gtgtcacatg gaac 254

<210> 34852
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 <212> DNA
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<223> Clone ID: 700890654H1

<400> 34852

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 agcaacaagg gtaagacact agtctttcaa ttttctgtta agcacgaaca gaagcttgac 180
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<210> 34853
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 <212> DNA
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<223> Clone ID: 700890655H1

<400> 34853

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 <212> DNA
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<223> Clone ID: 700890656H1

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<223> Clone ID: 700890657H1

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 gtggctgcgg ttggtgtttt tgtttttcag attctatgtt tattcaatag atgggggttg 180
 tagggagggt aggttttctg ctggtagtag cattaattgg gatataggca aatactgcta 240
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<210> 34856
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<223> Clone ID: 700890661H1

<400> 34856

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 gtgattctgc tgtggatgta gggaacaatg actatcttcc cacccttttc aaggctgatt 180
 accctcctta tgggaggggac tttgttaacc accaacctac tgggagggtt tgcaatggca 240
 aat 243

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 gcctggggga tctacatcac cggaagcagc ttgatcgccg ctgcaatcag ggctcctcga 180
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<223> Clone ID: 700890663H1

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 cacggcgatc gcatcgacaa cttcgaaccc atgtgggtgt ccaccgctac ccgaccctgg 180
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 aaaa 245

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<400> 34859

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 gcaacggctg cggaggctgc aagatgtacc cagacttgag ctacactgag tcaaccacca 180
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 gtgtgcccgc tgag 254

<210> 34860
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890668H1

<400> 34860

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agacatcacc atcaaccaac aaaacaacac atgggtccgc ttattcctcc ccggaatagc 180
actatcccca aaccctaaga agctacctct catcgttttc ttccacggca gcgggttcat 240
cgtaaccagc gccgc 255

<210> 34861

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700890669H1

<400> 34861

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agtgcaaaat caatccctcc atggagttaa aatctgtccc gtagctccaa gtatttccca 180
tcttctattc gcggatgaca acatcatttt tacgcgttcc actcagagg aggcttgcca 240
aatagaccat ctt 253

<210> 34862

<211> 129

<212> DNA

<213> Glycine max

<223> Clone ID: 700890670H1

<400> 34862

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gcctcgctc 129

<210> 34863

<211> 260

<212> DNA
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<223> Clone ID: 700890633H1

<400> 34863

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 aacagataat gtattatcac attattcctg agtatcaaac cgaagagagt atgtacaata 180
 cggttagaag gttcggtaag gttagctacg atacactgcg gttaccgcac aaggttctgg 240
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<210> 34864
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 <212> DNA
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<223> Clone ID: 700890604H1

<400> 34864

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 aagttttgtg ctatttacia agaaatctcc caatatttgt tgggtgttgt tagttattgg 180
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 ggctcgtgct tatatttg 258

<210> 34865
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890605H1

<400> 34865

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 ttcatttcaa tcaactccca cctttggaat tcaagggttt gagcacggag gaggaagact 180
 cattgctagg ggcagtggaa atatggaggt acacgacatg cttcacggac tccggggcct 240

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262

<210> 34866
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<212> DNA
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<223> Clone ID: 700890606H1

<400> 34866

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ttctcccatc gcaaattgtc tcccagttat cacattcaca aaaccattga cgaatcctat 180
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caattagatc tccttcgca 259

<210> 34867
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700890607H1

<400> 34867

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cgtacggcct cggaggggaa ccagaaaatt atgttaacaa aataatctgg aaccctaattg 120
tatcagtgtc atcatcagtg ttagtattaa gctagctttg ctatgggttac gttctttgag 180
atgagagtct tgatgaacag taccattctg atgtattgct ttccttgaaa gttaatgcat 240
gcttcttatc ttctgtct 258

<210> 34868
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700890608H1

<400> 34868

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gactgcaatg ctgtcaacaa taccatagag acagaccaga gttaacacct acacttgtga 180
gagaattgga gcagttgcat gcttcagaag agcgacctgt accatctttt ttctcatgtc 240
caat 244

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<212> DNA
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<223> Clone ID: 700890609H1

<400> 34869

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tctagaattt tcttccatgg aggttatcag agttctaacg gcggcgatca cgggtggcggt 180
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ggacacgcga gtgca 255

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<212> DNA
<213> Glycine max

<223> Clone ID: 700890610H1

<400> 34870

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ttggagatgt tattagttct ttgtcttctg gtggtcaaca cacaccatac aggaatcaca 180
agttaaccat gttgatgagt gattcacttg gtggtaatgc caaaactctc atgtttgtga 240
atgtttctcc ggca 254

<210> 34871
<211> 254
<212> DNA
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<223> Clone ID: 700890611H1

<400> 34871

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ttaatgcgcc aaagcattgg atgcttgaca aactgggtgg tgcatttgct cctaagccct 180
catctggacc acacaaatcc agggaatgcc tgccactcat actcattttg cgaaaccggc 240
tgaagtatgc tctg 254

<210> 34872

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700890612H1

<400> 34872

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gcgtggaaaa cagaaaaggg gtggtcgtcg cattaaattt gtcaaaaaga gaggggtttt 120
atcttcttat tactttgtgt gtttttatgt tttttgtggg gcttctgtga acagtgggtg 180
ctttttggaa gcttattttg gaagcaattt actcttcccc ttttgaacgt gattgtattt 240
ag 242

<210> 34873

<211> 224

<212> DNA

<213> Glycine max

<223> Clone ID: 700890613H1

<400> 34873

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ctgaaaagtg acttgaaaga tctctacata aatcaagcaa ttcaaagga tgtggctggt 180
aatcgcaagg ctgtagtcat ctatgtgccc ttcagattga ggaa 224

<210> 34874
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<223> Clone ID: 700890615H1

<400> 34874

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 ctgggtcccca agaaggtgcg tcccttctct ccccttctt ggttccaaac caaaaccatc 180
 actgcgctt cttcttctt tttcttctt tccagtgcc gcatcatcaa gagaacaaca 240
 atggacccca acg 253

<210> 34875
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 <212> DNA
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<223> Clone ID: 700890616H1

<400> 34875

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 tcttggtctt gcctttgaaa tggattggca tgaatgccat gcttgtttat gtcatggcag 180
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<210> 34876
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890617H1

<400> 34876

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 gcaccggtaa ccttcgttgt tttgtatcaa ctgaaagatc aaggtaattt tgcagaaaaa 180

aagctttgag aaatagaaga aatggagctt ggcctactga atatagctgc ctggggccaa 240
tgatcgactc aagatttag 259

<210> 34877
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700890618H1

<400> 34877

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aagaagcaag tgaacagaag cagcaacagc aacaagccca agaacagcag caaaggccat 180
cagtatcact ccagccatcc cagttcccaa gttttaacca agatggaaaa tttaggtcta 240
g 241

<210> 34878
<211> 102
<212> DNA
<213> Glycine max

<223> Clone ID: 700890619H1

<400> 34878

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actctgcctc tgcaagctta ttacttggct ttgtttgatt ga 102

<210> 34879
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700890620H1

<400> 34879

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aagggttgt taagattgtt gcaagggtta catatgtctt ggcagaagag cctgatgcca 120
ttgcactctg ccgtgatcac aatcttgccg ctctctttat tgatctgctt cagtccaatg 180

gacttgataa tgtacagatg gtttctgcta cagctctgga gaatttatcc caagaatcga 240
 aaaacttgac cagatta 257

<210> 34880
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890621H1

<400> 34880

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 tgttcttctg gaagtgtggg ggcaactgca aattccttca ctaaaactac acttgggaagt 180
 gatcgtcagt cacaatgtct caggattaca gagctgaatc gggtaacttg aaactctgat 240
 tcaagacatg gcaaagcaa 259

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890623H1

<400> 34881

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 gtcacgtcgt gtgacggcgg tacaggagag acaacgttcg tgaaaaggca tcttaccggg 180
 gaattcgaga aaatatacga agcgaccatt agagtggagg ttcacccatt ggatttcttc 240
 ac 242

<210> 34882
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890625H1

<400> 34882

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 ggaggcacgt tgggggtgcga gtttcgaacg cgctgatcgc accagatgga cggaagctcg 180
 tggagcttgt ggtgacggat ttttagaggg atttgacgaa gggtgaggct ctttcgttgc 240
 cg 242

<210> 34883
 <211> 92
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890626H1

<400> 34883

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<210> 34884
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890627H1

<400> 34884

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 gaagaatcgc gtttcgattc tcacgacgga agaaagcacg gcgcagctca aaaaacccaa 120
 tggaagcaca aagctctcag catacacaag ttattgagat cagtggatgat tttcctgatg 180
 gtggaaggaa gatttgtggg gaagcaccgt gtggggttgc agatgctgga tccatctcta 240
 aggattctga 250

<210> 34885
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890628H1

<400> 34885

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 gatgtcggaa aagggccggc cacttccaaa atttggtgaa tgggatgtca atgatccaac 180
 ctcagctgag ggggtcacag tgatttttaa taaggccagg gatgagaaaa agacaggtgg 240

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 <223> Clone ID: 700890629H1
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 ttcaaattat ataccttttc ttttctgttt tgtctctgct tatgatttga attttagaat 180
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 gactcac 247

<210> 34887
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<210> 34888
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890631H1

<400> 34888

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 aatccctcac ttctccacaa tccatctctt tcattcttca agacttatct tctcagcctc 180
 ggtgctcgca tccctcccca acccaaaacg gaaccaggtg attttgatga caagtcagat 240
 cctcctttat 250

<210> 34889

<211> 207

<212> DNA

<213> Glycine max

<223> Clone ID: 700890632H1

<400> 34889

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 tttggttggt tgggttgga tgagcagtc cgggttttgc cgtctgagag aatattcaaa 180
 gcaatatata gctggttaatt aatattt 207

<210> 34890

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700890601H1

<400> 34890

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 aagatttttt tacttcttat gacgaatttg tgaaagcttt gatgctatgg gattgcagga 180
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<210> 34891
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<223> Clone ID: 700890563H1

<400> 34891

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<210> 34892
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<223> Clone ID: 700890564H1

<400> 34892

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<210> 34893
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 <212> DNA
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<223> Clone ID: 700890565H1

<400> 34893

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 caaggacaag ctcatcttgc ccttcttgga gttggacatc aagtattatg acttaggcct 180
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<210> 34894
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<212> DNA
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<223> Clone ID: 700890566H1

<400> 34894

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 gttaagtatg aacggaatga tgcaaatgga gaggcagcaa acctt 165

<210> 34895
 <211> 239
 <212> DNA
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<223> Clone ID: 700890567H1

<400> 34895

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 ttctttctct atttatacgt gataattcca aaaagcctaa cgcgagagat tcacacagctt 180
 ttcaattatt cctcgaatta ttttgaagga atcatccaaa ctgccttaag atatcatca 239

<210> 34896
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890568H1

<400> 34896

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 gggagacaag gctccggcgg agaagaagcc aaaggccgga aagaagcttc cgaaggaggg 180
 aggcgccggc ggagaaggta agaagaagaa gagaaacaag aagagcgtgg agacatacaa 240
 ga 242

<210> 34897
 <211> 180

<212> DNA
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 <223> Clone ID: 700890569H1
 <400> 34897
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 cgcacggggg ttgccggggg tctcttcctc ttgtgtggtg tgggtgttgc tgtgctctcc 180

<210> 34898
 <211> 242
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890570H1
 <400> 34898
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 gaaggcccag aaaccaattc aaccaccacc atcatcacca tcaccacccc atttcagaaa 120
 cagatccaaa cctcaaatac ccttcataa tccaatccac taggtgcaag tccaccattt 180
 cctccctgct cctctccact ttctccaaca acacctccaa taatgccact gccacagca 240
 ag 242

<210> 34899
 <211> 240
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890571H1
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 agctcacaaa tccaagtttt ggtgatctga accacttgat ctcaacaaca atgagcgggg 180
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<210> 34900
 <211> 242

<212> DNA
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<223> Clone ID: 700890572H1

<400> 34900

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 ccaaggtgcc ccgtcactgg caagaggatt caggggattc cacacttgaa gcctgcagag 180
 tacaagagat caaggttacc cagaaaccgt aggactgtca accgtgcact atgcggagtt 240
 tt 242

<210> 34901
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890573H1

<400> 34901

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 tcgaatttca caagcagcta tagggtttta gtccatttcc tttgctgctg agggatgttt 180
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<210> 34902
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890574H1

<400> 34902

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 cgactccccg ccaagcacct tccacacaac a 151

<210> 34903
 <211> 190

<212> DNA
 <213> Glycine max

<223> Clone ID: 700890575H1

<400> 34903

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 gcaaaagaat catgacgagt tcctctgctg ccgctcgcaa gaatctgagt aagattgcct 120
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<210> 34904
 <211> 181
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890576H1

<400> 34904

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 agacggcgat ggcgatagcg atggctcctt tgcacatgca actaaaagca aaagcaaaag 180
 g 181

<210> 34905
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 <212> DNA
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<223> Clone ID: 700890577H1

<400> 34905

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 ctgagagagc aactagtgac atgctcattg gtcctgactg ggcaatcaac atagagttgt 180
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<210> 34906
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<212> DNA
 <213> Glycine max

 <223> unsure at all n locations
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 <400> 34906

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 cccgacggcc acgtgctcct ccagagtcgt cttcgcgctc cagacccccct ccattgcacc 180
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 <211> 220
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
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 <400> 34907

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 ttctcatcca accagtggaa caatggagct tataagaagc tttcagctcc agcacttcct 180
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 <213> Glycine max

 <223> Clone ID: 700890580H1

 <400> 34908

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<223> Clone ID: 700890581H1

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tttgaagaag ctaagaagtt tgggggtcaat gaatttgtga acccaaaaga ccatgacaag 180
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<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700890582H1

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cccatggtac ggcccagacc gcgtaagta cttgggcccc ttctctggcg agcccccgtc 180
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ccc 243

<210> 34911

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700890583H1

<400> 34911

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gattccttct gggataagtt tccttacttc ttgcccaact ttataatata tgcagttgca 180
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a 241

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<223> Clone ID: 700890584H1

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 gtcattgtcc t 191

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<223> Clone ID: 700890587H1

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 gcgccctega ctggggcccc ggtggtggac ccgacctcat cgtcgacgac ggtggtgacg 180
 ctacccttct catccacgaa ggcgtcaagg ccgaggagct ctatgagaag accggcga 238

<210> 34914
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<223> Clone ID: 700890588H1

<400> 34914

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 agcatcatca ggattccac agcaaattag accctcccaa ggttggtgc agaaaaatgg 180
 gttccactct ctcattgagg tctcatgagc tacctttt 218

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 <211> 143
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 <223> Clone ID: 700890589H1
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 tccaacagat tttgatgatt ctg 143

<210> 34916
 <211> 183
 <212> DNA
 <213> Glycine max
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 aatctctgcc accgttcttc cggtcagtaa ctccaccccc aaacttccac gtgttctcag 180
 cca 183

<210> 34917
 <211> 95
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 <213> Glycine max
 <223> Clone ID: 700890590H1
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<210> 34918
 <211> 127
 <212> DNA
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<223> Clone ID: 700890591H1

<400> 34918

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<211> 183

<212> DNA

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<223> Clone ID: 700890592H1

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ccagaaacta actacactga cgtttttgtt ctctgtgtcaa gtttctaaat caccaccaca 180
ccc 183

<210> 34920

<211> 191

<212> DNA

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<223> Clone ID: 700890593H1

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gagaacaatg ttttgaagga ccaaagctcg aaaaccctca aacaacagag acaggaaaaa 180
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<211> 119

<212> DNA

<213> Glycine max

<223> Clone ID: 700890595H1

<400> 34921

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<210> 34922

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<212> DNA

<213> Glycine max

<223> Clone ID: 700890596H1

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tagctcgtcg gcgaccagaa tcggcggtc tgcgcgacct cagaagagat ctgttctgt 180

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c 241

<210> 34923

<211> 157

<212> DNA

<213> Glycine max

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cgagtccgat ttcgagatca ggctctatcg tacctct 157

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<212> DNA

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<223> Clone ID: 700890528H1

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ctttgtatga tcttgaattc tcatatgaat gtttccagct aattgtctaa taagttatca 120
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<223> Clone ID: 700890529H1

<400> 34925

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<223> unsure at all n locations
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<400> 34926

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 gctaacttgg cactgcgctc tctttcaant gcctaaccag nttcaccga 169

<210> 34927
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<223> Clone ID: 700890531H1

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133

<210> 34928
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<223> unsure at all n locations
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actgataccta acagtggtag tcttgggttca aaaactaagg atcttgctta tgcagtcaag 120
ccgantggcc aaaaca 136

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<211> 224
<212> DNA
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<223> Clone ID: 700890534H1

<400> 34929

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ggtatcatgg taagctgacc aaagtgacgg atttgttcca tcaactgcctt cagggaaaga 180
agttaactca tagcaggtcc atacaaacat gatgactcca aact 224

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<211> 229
<212> DNA
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<223> Clone ID: 700890535H1

<400> 34930

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caaactatgg tgtggatgga aatgcagcgg agagtgatca tgggagcaat aatggacatg 180
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<223> Clone ID: 700890536H1

<400> 34931

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 ctggccgatg tcaaccccaa ccctgacgac gccatcaaga ttgtccctt cgagttcgta 180
 gcccttgagg cctgtctgga ggtcgttgt agcttcttcg aaaacgaggc taaga 235

<210> 34932
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 <212> DNA
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<223> unsure at all n locations

<223> Clone ID: 700890537H1

<400> 34932

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 gacctgttgg agcctcgtcc tctaccgttc ttggattgcc agcaatggct aaggcagggg 180
 aagtgaggat gctcatggag gaaaagccgt caagcagcgc aaactatggg antggggc 238

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<223> Clone ID: 700890538H1

<400> 34933

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ccaccgagac cttgggtcatg ggagtggcac ctgttaaggc tcaatttgag ggtgctgaaa 240
t 241

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<212> DNA
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<223> Clone ID: 700890539H1

<400> 34934

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aacgagagcc gcattgcact ggagattcat tgggtggtgct cactgacctt caatccaata 180
aacaggagga ggatcaatcc gaggattcat cagattctgg tagtcagcaa tccaatgaac 240
agc 243

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<223> Clone ID: 700890540H1

<400> 34935

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ctatgctatc accaagtgat catattcatc acctcttgta gacaatgaat aatttgtaa 240
ag 242

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<211> 121
<212> DNA
<213> Glycine max

<223> Clone ID: 700890541H1

<400> 34936

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 g 121

<210> 34937
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 ttctgtgaac tcaaagggtta atcaagaaat agatgagagt aatactatct tgccctcaagt 120
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<210> 34938
 <211> 129
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 <213> Glycine max
 <223> Clone ID: 700890543H1
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 gtagtgctc 129

<210> 34939
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 <213> Glycine max
 <223> Clone ID: 700890544H1
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 <211> 188
 <212> DNA
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 <223> Clone ID: 700890545H1

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 <223> Clone ID: 700890546H1

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 aaaatcggat gttactcaag gcgtcgcaga agcatccatc acc 163

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<223> Clone ID: 700890549H1

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<223> Clone ID: 700890550H1

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 tgttgctgtt caat 194

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<211> 193
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 <223> Clone ID: 700890551H1

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 cacaagcttt gctctggaag agtttgagta aacacaacaa ggactcacia actctctggc 180
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<210> 34947
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 <212> DNA
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 <223> Clone ID: 700890553H1

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 acaccttctc ttctctctgg gaagctcttc cttctgttgc tggtgttggt ggccagagtt 180
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 ga 242

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 <223> Clone ID: 700890554H1

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 acaacagaag catcattaga agtggtacac aaacatgggc catgctccca actaaatgat 180
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244

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14146

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<223> Clone ID: 700890559H1

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<223> Clone ID: 700890560H1

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<223> Clone ID: 700890561H1

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<223> unsure at all n locations

<223> Clone ID: 700890525H1

<400> 34955

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gattctcaga tgcatagtgg agaatttgaa gccctaaata aaaaacccaa gtcctcagat   180
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<213> Glycine max

<223> Clone ID: 700890486H1

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aacatcttag tcttcttaat ttctcactc gcaagtcaca ccaatggcaa agctattcaa   60
tttctccct ctctcttcc tcaacatctt cattcaaaca atttcagccc aagtagcacc   120
agcacagcgg gcccaccaa catcaccaa gttcttgaga aagcaggcca attcacaacc   180
ttcatcaaac ttctcaaggc ctcaaaata gctgatagaa tcaattcgca gctcaacaac   240
tcaa                                                                 244
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<210> 34957

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700890487H1

<400> 34957

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cgcaatggcg gagttcgaca acgtcgcccc caacaccgcc tccttcaacc tcgtcctcaa   180
ggccatgtgc caggccaagg aaaccctcgc cgccgataaa ttgctccaac ggatgttgca   240
gtc                                                                 243
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<210> 34958
 <211> 242
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890488H1

 <400> 34958

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 gattcggaaa agggccggcc acttccaaaa tttggtgaat gggatgtcaa tgatccaacc 180
 tcagctgagg gggtcacagt gatttttaat aaggccaggg atgagaaaaa gacaggtggt 240
 aa 242

<210> 34959
 <211> 240
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890489H1

 <400> 34959

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 agtgcggttca gttatgcagt catacggtat aatgaatgat aagcactatg ttgacccgct 120
 gcggtttttg agagtttggg gaccattttt attgaaggca gtgggcgtgg gctgtgtaag 180
 agaataatag cagttataaa agctgcaaac accttggggc tctcattttt tgaggggttc 240

<210> 34960
 <211> 240
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890490H1

 <400> 34960

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 atccatggca tggttgagtg tggatgatcga cataagcaca tttatcaaag agcaatgcta 180

cttgtggagc aagttaaagt gagtaaagga agcccacttg tcacttgtct cctggaaggt 240

<210> 34961
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890492H1

<400> 34961

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 accttctggc cactgctatt ggaggcaaag ttggtgctgc tgctgttact gttagtcccta 180
 gaagactcat tgtggtagct gctgctgcac caaagaagtc atggctccct ggtgtcagag 240

<210> 34962
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890495H1

<400> 34962

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 tcctccctat ctttgatcgt ttggctgctc gaatccctgc tcttctgggg atcacccttt 180
 cactcactta cttgaattac cgtggccttc acatcgctcg cttttctgct gttttcctcg 240
 ccctt 245

<210> 34963
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890496H1

<400> 34963

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tcatatacac agctaaggaa ttcgcagatc aaattggcat acctttcatg gaaacaagtg 180
 caaaagatgc tacaatgtg gaagatgctt tcatgggcat gtctgctgcc atcaagaata 240
 gaat 244

<210> 34964
 <211> 237
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890501H1
 <400> 34964

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 ctataacatg aggaacacaa tcaaggatga caagattgct tccaaactgt cttctgatga 180
 ttagaagaga attgaagatc gattgacagg ctatccaatg gctagatgga aaccaac 237

<210> 34965
 <211> 145
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890502H1
 <400> 34965

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 ttccaagact tgtaagtacg tctga 145

<210> 34966
 <211> 247
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890503H1
 <400> 34966

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 caatcagcat tcaactggtca aactgctctg aagcagctca atgagttcgt ccgcaagacc 120

ggtggcgccg gcaaaggctg cactaacatg cgccgcaccg tcaagagtgc tcctcagagc 180
 atttggtatg gccctgaccg tcccaagtac ttgggtccat tctcggagca gagtccatca 240
 tacctga 247

<210> 34967
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890504H1

<400> 34967

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 tgagagcgac gatgggcgcg acagcgaccc caccgaagac ggttccgacg agcagcagaa 120
 gcgttcggag atctacacct acgaggcccc ctggcacatc tacgccatga actggagcgt 180
 ccgccgcgac aagaagtatc gcctcgccat cgctccctc ttagagcagt accctaaccg 240
 cgtg 244

<210> 34968
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890507H1

<400> 34968

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 ttgaaagaag atcgatcgat cgatcgatgg ctctggtcgg agttgaagtg aagcatgcgg 120
 cggagggcgc accggaggag aattgctccg ccaagcccac caagcagggc gagggcctcc 180
 gccactacta ttctcacaac atccacgagc atcagctcct tctccgtcaa aagacgcata 240
 acc 243

<210> 34969
 <211> 236
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700890508H1

<400> 34969
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 agactcttcc ttccatcctg caacattaat catcatgcaa gactccagct caatgaagat 120
 ctccccctctg gatctcatgt ccgccatctt caagggcaag ctcgaccctt ccaacgtctc 180
 ctctccacc aacgccgccg ccggcgctt cctctctgag aaccgcgact tcctca 236

<210> 34970
 <211> 118
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890509H1

<400> 34970
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<210> 34971
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890510H1

<400> 34971
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 tcattcctaa tctccaatc caaccacctc agcctcacac tcacatatac acatatctga 120
 acgcgtatcg tccctcttat ggcttcaaag cgcctcctcg aagagctcaa ggatcttcag 180
 aaagaccac caacgtcatt cagcgcttg ttagcagcct aggacactct ccacttgcaa 240
 gcaa 244

<210> 34972
 <211> 178
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890511H1

<400> 34972

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 caatatcttt cgcttcgtcc aagcaggatc tgaagtatct gccttattgg gtcgaatgcc 120
 ttctgctgtg gggtatcaac cactcgtta gtactaagat ggcttcttac aagaaaga 178

<210> 34973
 <211> 165
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890512H1
 <400> 34973

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 tcactcttgg tcttgcgaga gaaagccatg ccagagacga agatttttgg catgctgttt 120
 ggccaaacac tccattcca agttcattgc gagagtctct aaagc 165

<210> 34974
 <211> 132
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890514H1
 <400> 34974

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 aggagggaca agtcattagc tgtcacaccg ttgacgcatg gaacgatcaa ctccagaagg 120
 gcaaccaatc ca 132

<210> 34975
 <211> 154
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890515H1
 <400> 34975

aagacacca caagtcacaa aacttcgatt gagtttcaaa gagatcagtg gtagtggtgg 60
 acattgtgtt gatcaaggat ggaacaaaag aagtttgtgg cactattaat ggtggtggtg 120
 gtgatggctt cttctatgtg gaaaggatcc aaag 154

<210> 34976
 <211> 117
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890516H1

<400> 34976

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 attctagagc aaactcattc ttgttgacaa gtagttgcat catttgtgag attgttg 117

<210> 34977
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890517H1

<400> 34977

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 gggcccgcgg gaggggttcc gttgaatttg acgcccgcag ttacggtgtg taagaatgga 120
 ggggatggct gttataagac ggtgcaagag gccgttaacg ccgcgccgga taacggcaac 180
 cgaacgaaga ggtttgtgat acacattaaa gaaggggttt atcaggagac cgtaggggtt 240
 ccgtta 246

<210> 34978
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890518H1

<400> 34978

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 agtgaaaaat caacaccaga agcacatgct gcggcctgga agactttgaa gagcgcagat 120
 tgtgtcttgg ttcttggggg atttgagat cgtggtgtga gaggtatgat gctagctgcc 180
 aaatatgcaa gagaaaacag tgttccttac ctggggagtt tcctgggaag tcaaatt 237

<210> 34979
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890519H1

<400> 34979

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 acatcatgat tatgcctcag ggatcaaaaa cacatatggg aggcaccatg cgccttggat 120
 ctaggaggac atatttccag accaaggaat gcaaatctgc aaaattatat ggctgcaaaa 180
 gcttcattga tgagagacat cggcatagat atgaggtgaa tccggagtta ggtgcacgc 239

<210> 34980
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890521H1

<400> 34980

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 catgatttca atgaattctt aacttctttc cttgtgcatt gtcatggaag aggtgttcaa 120
 tttcatttgt atgaaacagt gctctgaacc taagggttta ccataatctt ttttcatgta 180
 atagtcttgg ttatgtagta ttaaattatt gttagagctt attttgctat ctattt 236

<210> 34981
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890522H1

<400> 34981

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 ccatggcaaa ccgctggctc agaccgagg tgtatccact gttcgctgcg gttggtgccg 120
 ctgttgggat ctgtggattc caattggttc gtaatatctg catcaaccct gaagtcaggg 180
 tgaacaagga gggagaagaa gcaggagtgt tggagaactt tgctgaggga gagaagta 238

<210> 34982
 <211> 242
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890523H1

 <400> 34982

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 gccgagggaa aactaaacga ccattttcct ctcgttgat ggcaaactgg gagtggcact 120
 caaagtaaca tgaatgctaa cgagggttatt gcaaaccgag cagcagagat tcttggccat 180
 aagcgtgggtg agaagtttgt gcacccaaat gaccatgtca atagatcaca gtcttctaata 240
 ga 242

<210> 34983
 <211> 241
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890524H1

 <400> 34983

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 tgctaattga agaatgtttc tttttcacat gatggagatt ttggcattgt agttgactaa 180
 gtgaccattt cagaaatgtc aaagagggtca agctacatgc atggcttcaa aatttccatc 240
 a 241

<210> 34984
 <211> 241
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890485H1

 <400> 34984

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 agtgctattg gcctctatct tctccttact ttgggtaaga attgatccat ttgtcctcaa 120
 gacaagggac ctgataccaa gctatgtgga atcaactgct aaaaaagact gctttcccta 180

tagtattatt ctttaaaaga tgtatgtagg gtacatacat tcttggtttc acaaaccaac 240

a 241

<210> 34985

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700890454H1

<400> 34985

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caaagagggt ctccacacgc agggcgtgga gttcgggtcc cgcacccgca acgtcgtctt 120

cgacatctca ccggaaaggg ccaagacatg gtcttcaccg tctacggcga gcaactggcgc 180

aaaatgcgcc gcatcatgac cgtccccttc ttcaccaaca aggttgtgca acaataccgc 240

catggatgg 249

<210> 34986

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700890455H1

<400> 34986

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tggcaccaaa atccgatagc gccgaagcga tcgtgttaaa cttcgtcaac gagcaaaata 120

ggccggtgat gcacagaacg tggcggatgc attgcaaaag ttcaatctca agaaagcggc 180

gattcagaaa gcgttgata atctggcaga tggaggtcga atttcgttca aggagtatgg 240

gaagca 246

<210> 34987

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700890456H1

<400> 34987

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 ctcctttgaa tattgtataa ttgagatatt ttcattgcttg aatggcggta tccggatttc 180
 tacaaaaaaa aaaaaataaa ataattataa aaaaaagggg gggccccctt tttgttacct 240
 gttccc 246

<210> 34988
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890457H1

<400> 34988

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 ggagatgcta tgcgtcacct cagatctccc cccacaccag gaaattggaa tgccttctct 120
 ctcaccacaa tgacagaggg taacattgca agatggttga agaaagaagg tgatagaatc 180
 tctcctgggtg aagtgtctctg tgaagttgaa actgataaag ccactgttga aatggaatgt 240
 atgga 245

<210> 34989
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890458H1

<400> 34989

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 ggatcaaaag aattcatggg gggagagctg gggagaagag ggatattaca agatctgcag 180
 aggtcgcaat gtatgtgggg tggactcgat ggtctcaact gtcgctgcta tacatgtttc 240
 taac 244

<210> 34990
 <211> 246

<212> DNA
 <213> Glycine max

 <223> Clone ID: 700890459H1

 <400> 34990

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 caccgctatc ctccggcgcc agtgactaaa agctgggccc acgaagcaga cgaagaaacc 180
 aacaacacct ccaccgccga gtcagaaagc tcctccatta acctggaagc gttaaccatc 240
 gacgat 246

<210> 34991
 <211> 245
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890460H1

 <400> 34991

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 tttgaggagc tcaatatgga tctcttccgc aagtgcattg aaccagttga gaagtgttta 120
 agagatctaa gatggacaag aggactgtcc atgatgttgt acttggttgt ggttccacca 180
 gaattcccaa ggtgcaacaa ctctgcaag atttctttaa tgggaaggag ctctgcaaga 240
 gcatc 245

<210> 34992
 <211> 247
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890461H1

 <400> 34992

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 actgcctcta cagatactac aaatgggttc tctggctttc tctttccctc tatttcttca 120
 cctcctactc atcagcaaca acaacaacaa caaccaccac tccaaacaac catctcactt 180
 ctcgagagcc ctcatggaat caaacacac cacacctcct caacaacaag ctcttaactc 240

tctaggg

247

<210> 34993

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700890462H1

<400> 34993

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tccagctttt catccccatt cccttcacga atttcatgat ggttttagcta acagtgttca 120

tcatattctc ccgaggtggc agcaaaccatc aatctcaaaa cacaggaaag aatagataac 180

atgcagttct gtcaagtaaa ctccaatggg cgcttcatgg aattcaatga atgtgttttt 240

aaatcctc 248

<210> 34994

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700890463H1

<400> 34994

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aagggtaacg aaaatgagta gtagggtttg gtgtgtggtg atggcatcag cgctggcggt 120

gatgttgcac ggcacgaagc attcagctcc tacgctggct ccgcaagtgc gatcatcgac 180

ccttccaagg tcaaacaagt ttcgtggaaa ccgagagctt tcgtttacga gggtttctctg 240

acggaatt 248

<210> 34995

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700890464H1

<400> 34995

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 ggacctagac cggacctgct gggcatccag gcaacccttt tgatctctca gcaatgtctg 180
 gtctgtctca tgatccaagt atcaaggaat tggctgaaca gatagcaaaa gatccatcgt 240
 tcaatcagat g 251

<210> 34996
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890466H1

<400> 34996

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 aatcgaaggc atcaacgac gtgaaactgg aagatccaga gggtttggat ttgtgacctt 180
 cgccacagag cacgcgatga gagacgcaat tgaaggaatg ataggccaga acctcgacgg 240
 tcgt 244

<210> 34997
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890467H1

<400> 34997

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 ttatcacttg aatttccttc gcagagcttc ttgtggctgt ggaatcatcg tatcttctta 120
 cgtccgagca agcctttgtc ttgtgtgtgt tcttccccct tccgtcagac ttctaggaaa 180
 atcagatgca tcgtggtaaa ttttccctta cacccaagaa tgaagtcaag gacttgacag 240
 gttcaa 246

<210> 34998
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890468H1

<400> 34998

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 gaactactaa caggggacga cggaggcaag ttcgagatac aacctagagg actcaacatt 180
 gtgtggggaa atgattctcg atactggaaa attccagaac aaggtcctgc ggagtgatcc 240
 aagtttc 247

<210> 34999

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700890469H1

<400> 34999

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 cgggtgggagg ttggtgaata ctgttagctg tggtgcttgg aatcctctgc ctgatattca 120
 tctttggccg tttctgtggg ccaagatgta cttctactta acacttgttt gggggatgaa 180
 gaagagcaga aacggattaa ggagcttctc tgggttgact cgtctacagc atcagatgac 240
 tct 243

<210> 35000

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700890470H1

<400> 35000

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 cgacgtcca acgacaccgg gatcggcccg taaagctgac aacgtttgga ggagcgtctt 180
 ccatcctggg agcaactccg ccacaaagac catcgggtgct cagatgtttg acaaaccact 240
 tcccaa 246

<210> 35001
 <211> 236
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890472H1

<400> 35001

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 atgcaaacia tcttgaattt gaaggcagta agtgattact taaatccctg aaagacatca 120
 gtcagccttc gttctgctga aatgaagaac ttgcagacct eggaggaatt acagtcatcg 180
 actcaagctt ctcatgagcc caagagtga caaccaaaac atcacacaac tgatgc 236

<210> 35002
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890474H1

<400> 35002

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 ctacgataca aagatgacta acacagcaac tgcaacccca accccacgta gatctgatcc 180
 tgtgttcaag aatgagaatt attacaatcc tcaatattcg gagtagtagc aagtgggttt 240
 gctg 244

<210> 35003
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890475H1

<400> 35003

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 gatggctagt ggcgaatgga gattttgagg ttagcccatc aagtgggttc cctaacgagg 180

cgattgtgga gggccccagc gaggtcccaa actggaagtc aaacggcaac gttgagctag 240

tg 242

<210> 35004

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700890476H1

<400> 35004

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tatctaaaac taaaagcacc tcatcaaagg ttcatacagt tcctattttg gctggagtta 120

taggggtgct gtgtttctta ttttttcaag cattggcata tatctttgta aaacaaaggt 180

agctaagtgc agaccttggg ccatgggact aagtggacag cttcagaagg catttgtaac 240

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<210> 35005

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700890479H1

<400> 35005

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gtgctgggcg gcgcgaacta acggcggcgg aggcgggtgag gatgggaatc gtggattcgg 120

cgcacatagc gcggagagca cggtcgaggc tgcaatgcgc ctggggggagc agttggcacg 180

gaggaagtgg gtgggtgaag tgtacgcaga gataaggaaa agtcctttacc cagacgcgtg 240

taagg 245

<210> 35006

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700890480H1

<400> 35006

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 gcgttcagaa aagctactgg attgaacata cgacggactt gtccgtagag tcaatgatgc 120
 tcgattcaac gcctctgatc tcgacaagga ggagagaccc gaagttttgt ccctactacc 180
 accatatgaa ggaaaatcag ttgtagaact tggagcaggt attggaagat tcacagttga 240
 attggcca 248

<210> 35007
 <211> 100
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890481H1

<400> 35007

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<210> 35008
 <211> 205
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890482H1

<400> 35008

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 aaaattgact tcaagttagt ataactggct gtcaagttgt aatggcattg gtctctggaa 120
 gaagtctgca ctggacccaa atgcacctct attcatacct gctgctcttc ggcaagtgga 180
 ggatttttca cctccatggg gggat 205

<210> 35009
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890483H1

<400> 35009

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aattaattaa cttcaattcc aaaagttagt ttaaaaaagt tgtctctcac ttattgtag 180
tagacatgag acttggattt atttgtagt ttacctaaa aggcaatgct tctgtttcca 240
ttc 243

<210> 35010
<211> 243
<212> DNA
<213> Glycine max

<223> Clone ID: 700890484H1

<400> 35010

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taatgctagg aatgaaaatt tgcaaattta caacttgagt cttattttac gcggaagtgc 180
actgtatgac acgaaaaatg gagatgatgt atacatacaa ctcaatgatg gagattgctt 240
gat 243

<210> 35011
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700890453H1

<400> 35011

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cgttacagga aattgagaat ggaatgctgt gggaagtga ggggaagtgg gttgttaaag 180
gagcagttga tgtagacatt ggtgcaaacc cttctgctga ggggtggagga gaagatgagg 240
gagttg 246

<210> 35012
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700890423H1

<400> 35012

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gaacatggac ggcgacgacg agacctcggg tccgatgac gacgaaatct acgccaacgg 120
cgggtggcgtc gggacgacgg agacaagcgg agccgcccgg caatcatgag cggcgaccag 180
ctcgacatcg aggcgtacgc ggcgctatac tcggggcgca cgaagatcat gaggtcctc 240
ttcttcgccg ac 252

<210> 35013

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700890424H1

<400> 35013

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aaaggacaaa aaacccttaa gatattctgat ttggaaataa cagatgacgg ggaagagatt 120
ctaagtattt gtaagccaat gtggtactgt tgttcaatag agaaacaaag gatgagagat 180
ttattgaaga gtatgaaaca ataacctcct ttcttttctc aaaggataac aaattcttgt 240
tggttaatc 249

<210> 35014

<211> 249

<212> DNA

<213> Glycine max

<223> Clone ID: 700890425H1

<400> 35014

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cctgagcttg caagtgtgc ccaacctagt cttattcttc aactcggccg aaaacttttc 120
caatgcggca gcgcctccc tgttcgtgga aatacccat ccaatggccg ctccatagagg 180
atatacccca ccacaaaac acccactcta tggctgaata tttgagatgt tagcatcctt 240
ctttaattt 249

<210> 35015
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890426H1

<400> 35015

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 aaacaagatc cggcgaaatc gaagcgattc aaatgccgat tggatgaagt cgaggagctg 180
 ccggagtact taaaggacag cgagttcata ttggactatt accgctctga atggcccgtg 240
 aaggaag 247

<210> 35016
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890427H1

<400> 35016

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 ttttggtgc agtgctctgc atggttgtgg tgagtgcacc catggcacat gcagctatca 120
 cgtgctggca gtgacgaata gcctgatcaa ttgcatcggt tacctccaga acggaggaac 180
 gccgccgtcg ggatgctgca acggagtga gagcctcaat gccgccgcca agaccaccgc 240
 cgaccgccag 250

<210> 35017
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890428H1

<400> 35017

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tgccacgaag ccggtgccaa gctcaccgag gttcggaaga acgggacatg cccttggctg 180
 agacctgatg gcaagaccca agtcaactggt gagtactaca atgacaaggg tgccatgggt 240
 ccaatccgcg 250

<210> 35018
 <211> 249
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890429H1
 <400> 35018

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 atataatgga atctgcatac agggcaaggt tgagagagaa gagagaaagg tcaactcctg 120
 acgaattaaa taaccatgta gagagctgca aactgcttta ggtaccgcaa aatggcagtt 180
 ggaagaattt gataaagccg tcaggtacag ctaccgacct cacagtgatg acaatacatc 240
 cactaggca 249

<210> 35019
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890432H1
 <400> 35019

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 atgctacggg gaggaaatca agtcaacag gtatgatctg gccacaatta tgggtgatga 120
 cggctgtttt ctcttgaagt cgccatttca aaagaaaaag actggagcgc ggtgttcccg 180
 caacagtctg tttctgtctc agtgagcgat ctagggacta aagtcgggga aatggaagca 240
 gtattgactg ac 252

<210> 35020
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890433H1

<400> 35020

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actggcatga tgcagatggt cttccctctt ggacctactg cccatgctat ctatggtgca 120
attggtgcta tgatttctct ggctatattg tatacgacac tgacaacctg atcaagcgct 180
tcacttatga tgagtacatt ggagcctccg tcactcttta tcttgacata ctcaacctct 240
tcctttccat cttgaggat 259

<210> 35021

<211> 205

<212> DNA

<213> Glycine max

<223> Clone ID: 700890434H1

<400> 35021

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ggcacaacag gtgacaatct ggtgtatgct atggaagagt tggcaacaat ctgccatcgc 180
aacaagaggt agtttccctt tttaa 205

<210> 35022

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700890435H1

<400> 35022

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cgaattctac ctgcgttact acgtcgggtca caagggcaag tttggtcacg agttcctgga 120
gttcgagttc cccagacgg caagctccgc tacgccaaaca actccaacta caaaaacgac 180
accatcatcc gcaaggaggt ttacctaacc cccgcggttc tccgcgagtg ccgtcgcac 240
atcgccgaga g 251

<210> 35023

<211> 252

<212> DNA
 <213> Glycine max

 <223> Clone ID: 700890436H1

 <400> 35023

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 acccttcctt cctctccgat ccttcactct ccttcttccg cgactatctc gaaactctcg 120
 gggcgaaact cctgaatctg cttattccga atcgacgggc gtggagagcg atgaggacat 180
 agaagatgtt acggatgagc aagagaaggc agaagatgaa gaagaagatg atgaaataat 240
 tgaatccgat gt 252

<210> 35024
 <211> 212
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890437H1

 <400> 35024

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 ggtggcaaaa cttcgacgat gatggacgag tcagaagaac gggtagatgg ataactgcga 180
 gtgcccatac cataacggca ttgatagggc ca 212

<210> 35025
 <211> 251
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890438H1

 <400> 35025

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 ccctgataat taaaccaaag aaccattccg ctccaatttt aaaatcactt ccagttcct 120
 agttcccact tctcattctc gcattcctct aatcacataa accctatttt tctccacaat 180
 ggatctcctt catcaatact cagacggcga cgatcccgcac tccccctctc aaaaccctag 240
 ctccccgccg c 251

<210> 35026
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890439H1

<400> 35026

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 ttagagtgc tcaacttagtt aggccatttc tctcgtttct tcctgaagtt caaactgctg 120
 acaggaaagt ccatttagag agaaggatcat atacactgtg atctctcttt tcattttcct 180
 ggtttgtagt cagctccctc tatatgggat aactcaaca acagggtgctg atccattcta 240
 ttggatgcg 249

<210> 35027
 <211> 219
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890440H1

<400> 35027

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 attggggatt tcaggaaagt agacaatggg gtcgtgggat gagcgggtggc cagggtgcgga 120
 tcgagtaccc actgattatg atcctggtag aggtggctac gggaaagctgg ttcagaaaga 180
 gttagaagtg caaacgcagc ttgtagatta tcgggatgc 219

<210> 35028
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890442H1

<400> 35028

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 aaagaaagaa aatccgtttg gatgaatgcg cgaggggaag agagactctc tctcctcttc 120
 cttctacagt tttaaagagt aaagtgtgtc tcatttttca atcttgcccg catctttttg 180

cgattttctca tttttctcct gttcctttcc ttccggttcc tctgctacta ttcccaactc 240
cttccatt 248

<210> 35029
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700890443H1

<400> 35029

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aactgatgat atatgcattt gcttttatag tttgcttggc caccaagtaa cgacaaagag 120
aaacagttct aactttttct tggctgggtg taaataatct ctcttttctc tattggatca 180
tagctttctg caccctcttc ctcttaggtt cccatatttt tctctcttgt cgtggacctc 240
aacttt 246

<210> 35030
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700890444H1

<400> 35030

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cagaacaagg agacagaatc taagttcaaa ggcaatgtac ctactgctg caagaaaact 120
cccacagttg agacttgctc cctggtgtgc cttacaacca gcaattccca aactgttgta 180
agggtggagt ggtggcagca tggggccaag acccttcac agcagtctca tccttccaag 240
tgagta 246

<210> 35031
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700890445H1

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 agctaggagg ctgtactgga atcagagtgt agctgtgggg tacggattta ttactagttt 180
 tgtagagaat gggcaagtgc gagggttgtg ggaagttagg aagaaggga acaacaaatt 240
 ggtctg 246

<210> 35032
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890446H1

<400> 35032

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 ccctttgggtt tcattctctg ttcttatcca tgtatggctt ctaaaccat cttgaaggac 180
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 atgtttcac 249

<210> 35033
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890447H1

<400> 35033

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 cttattacct cttccacaca acata 145

<210> 35034
 <211> 135
 <212> DNA
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<223> Clone ID: 700890448H1

<400> 35034

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 aacttttgtc cccgattttc cttgattttt atttttatgt ttttatatta tatataattt 120
 ttttggttct ttttc 135

<210> 35035

<211> 75

<212> DNA

<213> Glycine max

<223> Clone ID: 700890449H1

<400> 35035

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 tttcagtaaa tcaag 75

<210> 35036

<211> 196

<212> DNA

<213> Glycine max

<223> Clone ID: 700890450H1

<400> 35036

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 atctggaatt cctcctgctc cgagaggtgt tcctcagatc accgtttgct ttgacattga 120
 cgccaacgga tattgaacgt gtctctggag gacaaaacca ctggacagag gaccaagatt 180
 acaattacca acgaca 196

<210> 35037

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700890451H1

<400> 35037

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 tcacccttga ggtggagagc tctgacacta ttgacaatgt caaagccaag attcaggaca 120

aagaagggtc ccaccagacc aacagaggct catttttgct ggcaaacagc ttgaagatgg 180
 ccgaaccttg gctgattaca acatccaaaa agaatctacc ctccacttgg tgctccgtct 240
 gcgcggt 247

<210> 35038
 <211> 240
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890452H1
 <400> 35038

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 ggcggtaatc tggctgacca cacattcttg ttccttgggg ctggagaggc tggaactgga 120
 atagcagact aatagctctt gagatgtcaa agcagacaaa gacacctata gaggagactc 180
 gcaagaagat atggcttgta gactcaaagg gtttgattgt tggttcaaga aaggcttcac 240

<210> 35039
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890422H1
 <400> 35039

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 ttgctttgga atattcactc atgacaaggc acaaggatcat gcgtgtatgc caacacatag 120
 taatgatgtg tggtttattc agtaggcaac tggcagatcg gggtttccct tgctactttt 180
 gtataattat tttggaagaa tttatgatgt caaagttatt gtttaattatt aatggcgaca 240
 ttgtatttat 250

<210> 35040
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890385H1
 <400> 35040

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 ggctaagaac agacactcca atgggcaagg acgctggccc gtcaaatcag ctaagttcat 120
 tctagatttg ctgaagaatg ctgagagtaa tgctgaagtg aaaggtttgg atgtcgatgc 180
 tctgtacatt tctcatatcc aggttaatca agcacagaag caaagacgcc gcacctacag 240
 agctcatgga agaataca 257

<210> 35041
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890386H1

<400> 35041
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 aaagggagaa tggatgacaa caatgccaga gcaactgaat atggaatggg ttgacagtgt 120
 gaagcatgtt tttgattact tcacggacag aacacctcga tcatattttg aagaaaggga 180
 agcttcactt gtatggagtt acagacatgc agatgctgaa ttg 224

<210> 35042
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890387H1

<400> 35042
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 agaccagaa caagtatgag agctctgagg ttgaggtcca ggatcgtggg gtttttgact 120
 ttctcggtaa gaaaaaggat gaagaagaca agcctcatcc tcaggaggag gtcacgcca 180
 ccgagtttca aaaagtact gtctcagacc aaggagagaa caagcacagc ctcttagaaa 240
 agcttcaccg atctgacag 259

<210> 35043
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890389H1

<400> 35043

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 gcctgaagag gctactcacc ccgacacggt gaaggcgggg ttggctgagt tcatctccac 180
 cttgatcttc gtgttcgccc gttcagggtc cggcatcgcc tacaacaagc tcaccgacaa 240
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<210> 35044

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700890391H1

<400> 35044

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 tctacgccga cgtcactccc cgcaccgccc agaacttccg cgcgctttgc accggcgaga 180
 agggcgtagg gcggagcggc aagccccctc actacaaggg ctggtccttc caccgcgtga 240
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<210> 35045

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700890392H1

<400> 35045

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 tgatatatgg aggatgctaa agttagctga ttttttggtg tttattttcc tgtttgaaca 180
 gaagtagcag ttactgtgcc tttggttctt ctggtgaaca gaagtgcctt gattttcatg 240
 aatggtaaaa tggga 255

<210> 35046
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890393H1

<400> 35046

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 gttaagtctg tggaaatgca ccatggagct ctcacagcag cacttccagg tcccgatctc 180
 gtagatggtt ccagagaggc ctcaccagaa agcccttggc cttgttcaag aagctccgta 240
 aaccgaaaag 250

<210> 35047
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890401H1

<400> 35047

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 atttgcgctt tcagtaaccc tgatttttgc catcggtggg gccgaagccg atgtttccgt 120
 cgaaggagcc actccagagc cgatacctcc gccatcaaga tccaattaga tcaactcaat 180
 tccaagatcc aaattctcga gtctcaaadc agtgaaaagt tggaagaagt gaagaagaag 240
 gacaaaatta tagcagaaaa agaa 264

<210> 35048
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890402H1

<400> 35048

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ggcacttatac tttgttttga gccaaattaca ccactagtga tgttctacca accttggaag 180
 aacaaggggt ggcgcagtct attctaaggg ccctaattgtt gatttcaaga aggagctgag 240
 gtcactcaac ggagagttgc aa 262

<210> 35049
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890403H1

<400> 35049

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 gaggagcagt cacttcacgt cggttggtgga tttctgccgc atcacaccat acgaatccaa 180
 atctggcctg actttcactt gccaccgcgg aggacgatag cgtgattgaa ggagaagcgc 240
 tcaccgccgt gccgctgt 258

<210> 35050
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890405H1

<400> 35050

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 gctgataaca taatgcatat gacaatgccg tctcagctct tggaaaaata tgccaattcc 180
 atcgtgatag cataaatgca gcacaggttg ttcctgcctg gctaagttgc ttgcctataa 240
 aagtgattt aattg 255

<210> 35051
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890406H1

<400> 35051

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 ttgcattttc tcatttccgc gaattccgaa atcgcgttcc gttggctctc gattcccacg 180
 ctccacgttc acgattttga ttgagatgaa acttgaaagg gcttgatagt caacaaggga 240
 agagaaagtg ccgagg 256

<210> 35052

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700890409H1

<400> 35052

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 agaagcacca caagctcttg agcaccttgg ggaacttggg gctgcggttg cgggtgctta 180
 tgccttgcat gagaagcatg aggccaaagaa agaccagag catgctcaca ggcacaaggt 240
 agaagaggag att 253

<210> 35053

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700890410H1

<400> 35053

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 cttccaaaga tggtggtctt gagttgtaag ttataagcct cacttcgtcc tctatggaga 120
 aatttttttg tacacaactt catttctaca tttttgagtc ttggacaatc atatatccct 180
 tggctcaatt aataagttgc tttatctaaa agaattgaccc aaacagcttc agagaagcaa 240
 atgcattgca tt 252

<210> 35054
 <211> 239
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890411H1

<400> 35054

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 tgcttgacct ttattttcgt gatgtttatt tgtcctggaa ggagaagcat taccagttca 180
 aatctatacg cctggatttc tatgaacaag tgcttgtaaa tggaaaagct ttgactcct 239

<210> 35055
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890412H1

<400> 35055

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 tctcctcaa tcttcattgt cctgttcttt cccttggtga caaaccaaga ctaacacgca 120
 cagatcatag ctttgttggt gaggtgagaa gataaagaaa gaatggcatt tgcaggagca 180
 acacagaagt gtatggcctg tgacaaaacc gtttatctgg ttgataagtt gaccgcggat 240
 aaccgagttt t 251

<210> 35056
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890413H1

<400> 35056

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 ctacaccata caataagtga ctttgctgag gcattggcag caaaaatgcc tggaaacctt 120
 aaggttgttt atttgtaaat tctggttcag aagcaaata attagcaatg atgatggccc 180
 gtttatatac tggtaatctc ggtatgattt ctttgagaaa tgcatatcat ggggggagtt 240

ctagtacact t

251

<210> 35057
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700890414H1

<400> 35057

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aagatcagta accccacttt gcttcctcgt tttctttgcg tgcaaagcag attcaactgg 120
aacttttacc cggtcctcat tttccgggct acagagatca tcgtatctaa tatccaagag 180
gctagctttc ttgcttacag gccatcatgc attgctgctg caggcatact cactgcagct 240
agatgaaatt ccta 254

<210> 35058
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700890415H1

<400> 35058

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tcattcacgt tcgaaatgtg gggcatgaga tatctgaaaa tgatttgctt caactatttc 120
agccttttgg agtataacaa agcttgtgat gtcatgcgcc aaaaatcagg ctcttcttca 180
aatgcaagat attccttctg cagttaatgc tttacaattt tatgcaaag tccagccaag 240
cataagggga gaaat 255

<210> 35059
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700890416H1

<400> 35059

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ggcactccaa tgtgtggaat tctcacccta agaactacgg acctggttct cgcacttggc 120
 agtgcttccg aagcatgccca aggaaattgg cttcatcaag tatcggtgaa agattagttt 180
 tccacctgcc ccaccgggtt tggattcttg catcaggcta tgatgacgtg gggatgattt 240
 tactgtttga agaac 255

<210> 35060
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890418H1

<400> 35060

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 ggtgccggaa ttaactatgc tgcccaggaa ttttttttca ctaagaatgg ccatgttggtc 120
 ggctctgttt acaaaacatg aaaggccccc tttttccaac cggtgctgtt cacagccaaa 180
 acgaagaggt gcatgtcaac tttgggcaga aaccatttac tttgaaccta aaggatttta 240
 aa 242

<210> 35061
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890419H1

<400> 35061

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 gtttgcttag tcttctttgt gccgcttctg cttttgcaat tggggctgtg gagctgggtc 120
 gacatcaacc tatgagagaa tttcaggtag tgctggtgat gtgttagaag atgatccagt 180
 gggaagggtg aagggttttg tttatgaact tccaagcaaa tataataaga gaattctgca 240
 aaaggaccct aga 253

<210> 35062
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890420H1

<400> 35062

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 ggcaaaggca gcttatgatg caaagatgct gaagcttctg aaagagtaca gtcagggtgct 120
 ggtgggtttca tcgacaatgt gggttccaac cagcttcagg gcatacggag gggacttaat 180
 gctgattcgg tgggtggtgat gggaaagaac tccatgatga aacgctctat catcttggat 240
 gctcagaag 249

<210> 35063

<211> 253

<212> DNA

<213> Glycine max

<223> Clone ID: 700890421H1

<400> 35063

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 caagacaaaa cttgcatcat cggaagcggc cctccgccc acacagccgc cgtctacgcc 180
 gctcgagccg agctgaagcc gatcctcttc gagggctgga tggccaacga catcgccccc 240
 ggcggccagc tca 253

<210> 35064

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700890381H1

<400> 35064

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 tgcctatcaa catgaccatg atggtcaac cctccaagtg ttccatgtgt tcagcccttg 180
 ttccccattc aggcctctca aaccaatgtc atgggaagag agtgtcctac agctacaagc 240
 caaggaccaa gccaggatgc 260

<210> 35065
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890343H1

<400> 35065

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 aagcattgaa ttggatttta cttgaggagt agtatattat ggagaacgtg tgtgatgtta 180
 atcacttgga tgcggatggt cttttgcccc ctcggaagcg tcttcttgct gggttgaaaa 240
 aacagagttc agatggtgat gctg 264

<210> 35066
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890344H1

<400> 35066

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 tcagtgattt tgattcagat cgtgtctgtg tctacaacca tgtacagcgg ctccagcgac 120
 ggcgaaagcc atgacgctcc tcaaaatcag aggaaaattc cgctgcac ctccatgcta 180
 tgggtccgca atcttcgccg tttcatcgga tccggcgccg gtctcggatc cgaagccctg 240
 atggagcttg aaactaagag a 261

<210> 35067
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890345H1

<400> 35067

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 gtactcacia caagtcata tgggagttag gcagagaata ataataataa ttattcaggt 120

gatttgtcac aaataccccc tacaaaaaga cggcacgtac agaatgagga gagtgcattg 180
 ggacaaacta gggactttct tgggtgttggg ggtgccaacc atttgccacc cttcatcaac 240
 caacggatgg atttgatttg a 261

<210> 35068
 <211> 91
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890346H1
 <400> 35068

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 gctttccgtg gttaaaaaaa aaaaaaaaag a 91

<210> 35069
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890347H1
 <400> 35069

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 gcaagcatat gtgtgatttt ctggcacaag aaggaaaaag aaaaaaaaaa acaacgtgga 120
 atcgcaacga gataaggtga aacaccaacg ttgtgagggg aaattgaaac ttttttagtg 180
 ggtttatttg tctgaagctt gttggagttg ggagtagttg aagatgagaa acgtgcttcg 240
 ttctctgcga catt 254

<210> 35070
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890351H1
 <400> 35070

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 ttggccaac gtggtagaaa tggacaatgt gctcctgaac tgcaacaagc tgcagcattg 120

tttaaccag aactcgaaca aatgttgca caactcacca ggaaaattgg aagtgcggt 180
 ttgattgagt gaaacacagg aaaagcgcaa aggattttgt tactagcccc cgacaattgg 240
 ggtttgtaag aaaaggggg 259

<210> 35071
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890353H1
 <400> 35071

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 aatattttga ttattggtct tgtattgaca aatgtgttg accgaagcta ttcaccaaac 120
 tgaagtaatg gagaaggatt tgatggctta ttatcggtgc attctgttct gttttcattc 180
 ccagataact tcgtctaaac attcaatggt ataataacca aactatatgt cctgtatgga 240
 taatattgtg tttactgtga agttttg 267

<210> 35072
 <211> 259
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890355H1
 <400> 35072

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 agaccagaa caagtatgag agctctgagg tttaggtcca ggatcgtggg gtttttgact 120
 ttctcggtaa gaaaaaggat gaagaagaca agcctcatcc tcaggaggag gtcacgcca 180
 ccgagtttca aaaagtcact gtctcagacc aaggagagaa caagcacagc ctcttagaaa 240
 agcttcaccg atctgacag 259

<210> 35073
 <211> 255
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890357H1

<400> 35073

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 tccaatccaa aaggtatggg gatgcactat atttttgggt gcgcatggat atggattcac 120
 gaaacccttc gcaaacggac ttttgggtcat tttgtgatgc cgtaaagcg ggaaattgca 180
 agtttgcttt ctcaagaagc atgaggggaa tgtatggggg aaaaggtgat gcggattctt 240
 tgcttcccat gccgg 255

<210> 35074

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700890358H1

<400> 35074

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 accaagaagg agcaggtggt ctcaacctac tctgacaacc agcccgggtgt gttgattcag 180
 gtctatgaag gtgaacgaac gaggactcgt gacaacaatt tgcttggcaa atttgagtaa 240
 tctggaattc ctctt 255

<210> 35075

<211> 257

<212> DNA

<213> Glycine max

<223> Clone ID: 700890359H1

<400> 35075

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 tctacgccga cgtcactccc cgcaccgccg agaacttccg cgcgctttgc accggcgaga 180
 agggcgtagg gcggagcggc aagcccctcc actacaaggc ctgcctcttc caccgcgtga 240
 tcccgaagttt catgtgt 257

<210> 35076
 <211> 263
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890360H1

 <400> 35076

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 tagtagtggt gcctatttaa tgattgtaga attcggcgtc tatacttgaa ccggtgtatt 120
 ttgaattctg atatattgag gatgctaaag ttagctgatt ttttggtgtt ttttttcttg 180
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 ttttcatgaa tggtaaaatg gga 263

<210> 35077
 <211> 244
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890361H1

 <400> 35077

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 acatcatata cttcagggtca ttagagataa cgtagtggtg tatcaagttg tactgaaaag 120
 cgaagttaag atctgtggaa atgcaccatg aagctctcac agaggctctt cccggtgata 180
 atgttggtt caatgttaag aatgttgctg ttaaggatct caagcgtggg tatgttgctc 240
 gaac 244

<210> 35078
 <211> 251
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890363H1

 <400> 35078

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 tgtgatcagg gatatcattc ttaataaaaa caacaaccac actttctccg tttctcgtgg 180

ttcatgctat ggcggcagag ggggctttgt tcttttctgt ggcattcagtg gtggaggacg 240
tgcttcagca g 251

<210> 35079
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700890365H1

<400> 35079

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gaatttcctc gaaacttgac agcagattat gtcaaactctg tggcttataa cctcccagaa 120
gagagaacct tgacaactca ggactatatac tgttttgttg ccatgagtat caattagcag 180
ctttctctag gccactgttg tccattgttc tgcttctaca tataatctgc tggaagagat 240
cacttgaact actat 255

<210> 35080
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700890366H1

<400> 35080

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gtgtccacag cgtagaggag tggaaggaac atctcaagaa gggagaagag tccaagaaat 120
tgattgtggt ggattttact gcttcttggt gcggtccatg cggtttcatt gcccgaattc 180
ttgcagagtt tgctaaaaag ttgccgaatg tcaccttccct caaggtggat gtggatgaat 240
tgagactgt ttccaagga 259

<210> 35081
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700890367H1

<400> 35081

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 gaagtcggga gggtcagcat gaggaagacc gtcaccaagc aggcctcctc cggaagccca 180
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<210> 35082
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890370H1

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 gtacagaaca taaagtcata taccgtgact ttaaacgctc aaatataccta ctcgatacaa 120
 actataatgc caaactttct gattttgggt tggccagaga tggctcctact ggtgataaaa 180
 gccatgtctc tactagggtc atgggaaccc gtggatatgc ggcaccagag tatttaccga 240
 caggtcatct ccctaccaag agtgatttgt a 271

<210> 35083
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890371H1

<400> 35083
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 acacgagacc cagaacaagt atgagagctc tgaggttgag gtccaggatc gtggtgtttt 120
 tgactttctc ggtaagaaaa aggatgaaga atacaagcct catcctcagg aggaggtcat 180
 ggccacggag tttcaagaag tcaactgtctc ataccaagga gatttcacgc gcagcctctt 240
 agaaaagctt cactgatgtc actg 264

<210> 35084
 <211> 254

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700890374H1
 <400> 35084
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 acgacaaccg agtattcgcg ccgtgttcgg acacgcgagt gcagagatcc gacggattca 180
 cgttcggaat cgcgttcgct ccgaaggaca agttcttcta caacaacaac aacagcgttc 240
 agttgtcgcc gtgc 254

<210> 35085
 <211> 255
 <212> DNA
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 <223> Clone ID: 700890375H1
 <400> 35085
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 gaagttctga agaagcatgt gtggagggtc tatcatctca gacttcattg gtgtgaagcg 120
 tggccgcaac ctgcgcgcgc aggaactgtg gtccgagctt gaccctttct ctgacctcct 180
 tggcttcgat accaccacca ccaccaccaa ccaaccaccc cttccagaca aaaaagtggc 240
 gtcacatcatgt gagaa 255

<210> 35086
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890376H1
 <400> 35086
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 ggtgaagatt gcccttaagt tgaaggaggt tgaatacaaa tatgtggaag aaaatttggc 120
 caacaagagt gatttgcttc tcaaattcaa cccagttcac aagaaagttc cagtttttat 180
 tcacaatgag aagcccatag cagagtctct tgtgattggt gaggacattg atgagacatg 240

gaagaacaac cccatcttgg

260

<210> 35087
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700890377H1

<400> 35087

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aagggaaatgg gatgggggttg ggctgggtgta atctggctgt acagtgtggg aacctatatc 120
cctcttgatt tactcaaatt tgctatccgc tatattctaa gtgggaaggc ttgggataat 180
cttttgagaa acaagactgc cttcactaca aagaaagact atggtaaaga agagagggaa 240
gctcaatggg cg 252

<210> 35088
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700890378H1

<400> 35088

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aggagaaatg ggggttgacat tcaccaagct tttcagccgg cttttcgcca agaaggaaat 120
gcgaattctg atgggtgggtc tcgatgcagc tggttaagacc accatcctgt acaagctcaa 180
acttgagag atcgttacca caattccac cattgggttc aatgtggaga ctgtggaata 240
ca 242

<210> 35089
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700890342H1

<400> 35089

gtttagggtt tttcacaat tgagctttca ctccattttc gttcccaaact actatctcca 60

aattttgatt ttaccatcga tatacgacac aacatcgcaa tttctcgcg gtcgttttga 120
 taactggcga aatcgcacga taccgacagc gtcgtgcggt aatcgacac atttgttggt 180
 tgatcatggt agccaagaga ttaagctctt tcttcaaact ctccccaaaa cctcagattt 240
 ccacttccat gaagaaagtg gatga 265

<210> 35090
 <211> 260
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890304H1

<400> 35090

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 cgaaagagag gtttatcagt tgtctattgg agcagcatgt gggctttctt ggccttcaga 120
 taggatcatc atacaagtcc ttgatgactc cactgaccca acaatcaagg agttggtgca 180
 gcttgaatgc caaagatggg caagcaaagg ggtgaacata aagtatgagg ttagggacaa 240
 taggaatggg taaaaagcag 260

<210> 35091
 <211> 258
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890305H1

<400> 35091

aaaagatctt ggattcttta tcacccttca gctctgaaca ctttgaaca gatagtatat 60
 agtgccaaag gaaagcaaatt ttagtgtttt cttgactacg atggaactct ctctccaatt 120
 gttgcagatc cgaataaggc tttcatgact agaaagatga gagcaacact aaaggtata 180
 gcaagacatt ttcccacagc aatcgtgact ggaaggtgca gagacaaggt atataacttt 240
 gtaaaattgg cagaactt 258

<210> 35092
 <211> 158
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890306H1

<400> 35092

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cgtcgctgca aattttctca actccagaat tgcttctctt tgatctgaac ctttccaatt 120

tcagaatcat cgttttctga actccaattg ataccaag 158

<210> 35093

<211> 180

<212> DNA

<213> Glycine max

<223> Clone ID: 700890307H1

<400> 35093

aagaaaacgg aaacgggagc gactcggact cgaattctga tgacgcgccg gagtactacc 60

agccgatctc cgccgtggaa gacagtggga gttcggacga cgagcacgac ggtgaattcg 120

gacacctccc gaacggtttt gccgcgcacg gcgtggtgga gaacggggatc tcgtctctgg 180

<210> 35094

<211> 263

<212> DNA

<213> Glycine max

<223> Clone ID: 700890309H1

<400> 35094

atgggctcca actaccttca agaggtcact ggtgcagggtg ctaggaaaaa tgcagggaaa 60

tttgtgttgc tacacctccg atttgataag gatatggcag ccatttcggc ctgcgatttt 120

ggtggaggaa aagctgaaaa attggccctt gcaaagtata gacaggttat ttggcaaggg 180

agggttctta attcccaatt cactgatgaa gagttgagga gtcaaggccg ttgccctatg 240

acaccggaag aggttggatt gtt 263

<210> 35095

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700890310H1

<400> 35095

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ttaccatcga tatacgacac aacatcgcaa tttctcgagg gtcgttttga taactggcga 120
aatcgcacga taccgacagc gtcgtgagg aatacgacac atttggtgtt tgatcatgtt 180
agccaagaga ttaagctctt ttttcaaact ctccccaaaa cctcagattt ccacttccat 240
gaagaaagtg gatg 254
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<210> 35096

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700890312H1

<400> 35096

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ctcaagattg aagaatggca attttggtga gttgcatggt tactgtgttg aaggaaatct 60
tcgtgtactt gcatatgagt ttgtactat acgctctctt catgacatat tgcacggtag 120
aaagggagtt caaggtgctc aaccaggacc aactcttgat tggatacagc gagttagaat 180
tgcagttgat gctgctcggg gattggaata ttacatgag aaagttcaac caccgattat 240
acacagggat at 252
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<210> 35097

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700890313H1

<400> 35097

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ctcaagattg aagaatggca attttggtga gttgcatggt tactgtgttg aaggaaatct 60
tcgtgtactt gcatatgagt ttgtactat gggctctctt catgacatat tgcacggtag 120
aaagggagtt caaggtgctc aaccaggacc aactcttgat tggatacagc gagttagaat 180
tgcagttgat gctgctcggg gattggaata ttacatgag aaagttcaac caccgattat 240
acacagggat 250
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<210> 35098
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890314H1

<400> 35098

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 agcagggtcg ccgaagaaga gaacgttcaa gaagttcagt tttcgaggcg tggatctcga 120
 tgcacttctc gacatgtcca ccgatgaact cgtcaagatg ttcagtgcc gcgctcgtag 180
 aaggttccag agaggcctca ccagttagcc catggccttg atcaagaagc tccgtaagcg 240
 aaaa 244

<210> 35099
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890315H1

<400> 35099

gctaggtcaa atagtgttat taatacttta tatttatata aaaacaagtt cacactagac 60
 aatctactca agttgagtca gctagataaa agtattctaa acgaaaagtc ttgtttacga 120
 gtattttaat atagatgata aatcgaagac agataataaa gaatttatat aacttacaca 180
 ttcggttagc ctaattaaat acgttggttg ttaaattaga ataagtttgc atgagtcgat 240
 atatgcagtg agtgatatc 259

<210> 35100
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890317H1

<400> 35100

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 ggttcaagga ggtaatatgt acccctacac atttggctat tgtgatggaa tacgcttctg 120
 gaggagagtt atttgagcgg atatgcaatg caggacggtt tagtgaggat gaggcacgct 180

tctttctcca acaacttata tcaggggtta gctactgtca tgcaatgcaa gtatgccatc 240
gtgacttgaa gttggagaa 259

<210> 35101
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700890318H1

<400> 35101

ctcgagccga ttcggctcga gggaggggtat cccccggac cagcaacgtc tcattcttcgc 60
cggaaagcag ctcgaggacg ggcgcaccct cgccgactac aacatccaga aggaatcaac 120
ccttcacctc gtcctccgtc tccgtggtgg catgcagatc ttcgttaaga ccctcaccgg 180
caagactatt accctagaag tcgaaagctc cgacaccatc gacaacgtca aggctaagat 240
tcaggacaag gagggaat 258

<210> 35102
<211> 255
<212> DNA
<213> Glycine max

<223> Clone ID: 700890321H1

<400> 35102

gcgtcttaat aaacgctctt ctctgaaaaa cctgatttct tctcttcttc tcttctcttt 60
cgtttcgatc ttcgatctct gaaaatgaga gagtgcattt caatccacat cggtcaggcc 120
ggtattcagg tcggaaacgc ctgctgggag ctctactgcc tcgaacacgg cattcagcct 180
gatgggcaga tgccaagtga taagactgtt ggtggaggtg atgatgcttt caacaccttc 240
ttcagtgaaa ctggg 255

<210> 35103
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700890323H1

<400> 35103

agagagaaga agaaacttaa tcgatcatca cttcacttca ctaatacatc atggcagacg 60
 agaccagaa caagtatgag agctctgagg ttgaggtcca ggatcgtggt gtttttgact 120
 ttctcggtaa gaaaaaggat gaagaagaca agcctcatcc tcaggaggag gtcacgcgcca 180
 ccgagtttca aaaagtcact gtctcagacc aaggagagaa caagcacagc ctcttagaaa 240
 agcttcaccg atctgacagc 260

<210> 35104
 <211> 185
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890325H1

<400> 35104

catctttcca cttcttttaa aaaatggtgt tagagagtgg catactttgt ggtttctct 60
 tttagcttct aaaagaggaa acaaaaaagt atgccaattt ctaacacgat ctttccacct 120
 tctttaaaaa atgcatgtgt tccattctaa attaaagcct caccatattt gagaaccac 180
 tttga 185

<210> 35105
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890326H1

<400> 35105

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 ttctttccac ggtgcttgca acttcaagtt cttcttcttc ttcttctcc ctctatcttg 120
 ggaagggtt ctcccatcgc aaattgtctc ccagttatca cattcacaaa accattgacg 180
 aatcctatgc agttatcttc gatgctggta gcacgggaat ccgtgtacat gtctatcggt 240
 ttaaccaaca attagatct 259

<210> 35106
 <211> 156
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890327H1

<400> 35106

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tctggtcttg cctgtggctt ggctggcctt tctgctggca tggctattgg tattgtcggt 120
gatgctgggt ttagagccaa tgcacagcag ccaaaa 156

<210> 35107

<211> 254

<212> DNA

<213> Glycine max

<223> Clone ID: 700890328H1

<400> 35107

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tatatcccca aatgctgggt catgtgaaca cacacttaat accttgagat atgcagaccg 120
agttaaaagt ctatccaaga gtggaaatcc tagaaaggac caggccacaa atccagtacc 180
accagcaatt aaagagggtt catccacatc ttcacttcca gctagtgttg gtgcagatga 240
ttttaatgggt caat 254

<210> 35108

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700890331H1

<400> 35108

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tgaccctcgc attagtcttc tgttcgatcc actgaggaaa tgcaaacata ggaacccccg 120
aagccaagct ttccattgtc gaattccaac cacagtgcgt cacaaaacac cccacagaac 180
gatgtgaaag aacttccact tgagaacacc aatttactat cttccccttc tgttccaact 240
cctccctgca gcttag 256

<210> 35109

<211> 137

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700890334H1
 <400> 35109

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 aagctccaga aactttttaa ggaaatttgg tagagtggat tcaacagcaa tctagcaatg 120
 caaaactcca tgaagtc 137

<210> 35110
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890335H1
 <400> 35110

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 ctgtgccttt tctaccattt gggagaactg cagggtccct gctaggtgca atgcttatgg 120
 taatattcaa agttcttagt ccagaccaag cttatgctgc aattgatctt ccaattcttg 180
 gtcttctttt tgggactatg gctgtcacta cttttcttga aagagcaaac atgttcaagt 240
 acttggggaa attgctttct tg 262

<210> 35111
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890336H1
 <400> 35111

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 aattgcagca gcaaatcacc tagtgaatac atcaatctca actcccggtg acctgttggc 120
 atgcaaata tgcctacatc acaatcaagt agtccttttc ctgcagtttt catggcaaag 180
 caggagaaat ataattcaaa acttgctgag atgttccaga aagtggaaga tcacgagtca 240
 ggtgaccaa gatcatg 257

002250-ETFE550

<210> 35112
<211> 262
<212> DNA
<213> Glycine max

<223> Clone ID: 700890337H1

<400> 35112

ccaccacaga aaatgcatac ccagctaatt cctgacaaga ctcccagggtc cattttttgta 60
tacttccgag gactctttta tgatgttggc aatgaccctg aagggtggta ctatgcaaga 120
ggcgcaagag cagcagtgtg ggagaacttt aaggacaatc tgctgtttga catctccact 180
gagcatccaa ccacttacta cgaggacatg caaagagccg tgttttgtct gtgcgcactt 240
ggatgggccc cttggagccc aa 262

<210> 35113
<211> 261
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700890338H1

<400> 35113

acggctctga ttgggtggaa gagttgagca gctcagtgcg ggattggngt ngacgcgtga 60
acgtgcatac aggacaagga agtggcagtg gcaccactgt caacgttggg ggaaaaggag 120
gcgaggcgt aaacgtgcat gcaggccaca agggaaagcc agtgcattgt tcagttggct 180
caaagtctcc atttgattac gtctacgccg ccacggaaac tcaattacac gatgacccca 240
acgtggcact cttcttcttg g 261

<210> 35114
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700890339H1

<400> 35114

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aacggtggcg cctttgattt tatcgaagaa aacggaaacg ggagcgactc ggactcgaat 120

tctgatgacg cgccggagta ctaccagccg atctccgccg tggaagacag tgggagttcg 180
gacgacgagc acgacggtga attcggacac ctcccgaacg gttttgccgc gcacggcgtg 240
gtggagaacg ggatctcgtc tctgg 265

<210> 35115
<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700890303H1

<400> 35115

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tgcctaagcc cacactacca tccaaatcac cttctgggtcc gacagtatca accaggacta 120
aatcagtgac ttccacatct tctggtaaca atttatctga caatattggt aaatcttctt 180
ttagttactt aaaaagaagt tataagccaa cctcatgttg cccagttgtc aaaacacctt 240
caagggttgc ttcaagaaat aaagct 266

<210> 35116
<211> 118
<212> DNA
<213> Glycine max

<223> Clone ID: 700890262H1

<400> 35116

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acttaattat gattttaatt ttggaataaa tgaacaacat gtgaattatg aaggagac 118

<210> 35117
<211> 231
<212> DNA
<213> Glycine max

<223> Clone ID: 700890265H1

<400> 35117

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aaggcatata aggcctgtgt gccaatgtct tggagcccca atatctatat gactctagtt 120

aggggtattc cggggaccag gaggtccat aggcgcactt tggaagcact tcgcttgccg 180
 aaatgcaatc gaactgtcat gcgatggaac acacctacag ttaggggaat g 231

<210> 35118
 <211> 232
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890266H1

<400> 35118

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 cccattgccg gcttcattct ttctgggtcca actggtgtgg ggaagtctga attggccaaa 120
 ccattggctc cataactact tggctcctaa gaaacctatg ttccggcttg acatgagtga 180
 tttcgaggaa gggcactgtg tctcaaaaact tattggttca cctcctggat at 232

<210> 35119
 <211> 229
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890269H1

<400> 35119

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 ctctttcgat ctgggtacta accctaaccg gcttogaacc gtggcttcct caggctcgca 120
 gaacctctct cgaagaaaac cttctttctc ttctgtcttcg tcttctcaac aaacacccgg 180
 gtcgacccgg atcgtttacc gagaatctcg gatcccatcg gaatccgat 229

<210> 35120
 <211> 229
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890270H1

<400> 35120

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 aactaagccc aaagctaagg tccgccgcca caaccaccat cgtctgcagc accaccaaca 120

acaacaacaa caacaacgtg tcctccgacc tgaaggcggt ctccgccgcg ctggccctct 180
cctccatcct cctctccgcc cctctccccg ccggcgccga catctcggtg 229

<210> 35121
<211> 228
<212> DNA
<213> Glycine max

<223> Clone ID: 700890271H1

<400> 35121

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gttcaaccgt ggcggtttcg accagggcct tacgcgcgac gagatgctca cccttccgac 120
cgggcccaag gagcgttccg ccgaggaaat gcagttcaac cgcctcggcg gcggtttctc 180
ctcctacgac cgctccggca gtcgctcgcg cgaccggaac ggtggcaa 228

<210> 35122
<211> 225
<212> DNA
<213> Glycine max

<223> Clone ID: 700890273H1

<400> 35122

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aagtgtgccg agaaaatcat ggtggacgca gcagaacgta gatacttga ggtatgatgat 120
tcctctctca tgaaaactat caagggcgca acaactgggt tagtggctgg aactatctgg 180
ggtactgtag ttgccacctg gtatgatgtc ccccggtgctg agaga 225

<210> 35123
<211> 223
<212> DNA
<213> Glycine max

<223> Clone ID: 700890274H1

<400> 35123

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tattcttaag tgtatcgcaa accataccgc tatgggggtc ctatacccg ggccgaggtt 120

tgttgatca tgcaactgat ttcttcttaa ccagaacgaa tccaggagca ataaaatcgt 180
gaaacttgct ccagtctctg aaaccgatta atgtacacct atttttatgt 230

<210> 35127
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700890278H1

<400> 35127

cgaggatatt ggagttgaca tgtccgttcc tagcagcaga tctgcaaccc cccccagttt 60
gcaatcggtt tacaatgatg atactccaca agttagacag gcgacgagta agatttcagc 120
taccagaaaa tcctggtatg gatcccgatg ttagggcaag agcttttcgg actttaattc 180
aagccaagga agctgggggtt gcatatataa tggggcactc gtatgtgaaa gcaagaaa 238

<210> 35128
<211> 77
<212> DNA
<213> Glycine max

<223> Clone ID: 700890279H1

<400> 35128

aaaaattagg gattttttct tgctccagag agatggattt caagttgtgt gttggtgttg 60
tcagctgtgt gtttttg 77

<210> 35129
<211> 237
<212> DNA
<213> Glycine max

<223> Clone ID: 700890280H1

<400> 35129

gggtatggaa gaaggagagt tctctgaagc tcgtgaggat cttgctgctc ttgagaagga 60
ctatgaggag gttggggctg aaggagcgga agatgatgag gaaggagagg actattcata 120
aatgaaggtt ttattatcaa tgtaattgtt tcgagtaaaa aggggtatatg cttcggtaca 180
ttaccctgaa ccagtattgt tcgttccttt ttgtttttac tcctgtgtga tatagtt 237

<210> 35130
 <211> 230
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890281H1

 <400> 35130

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 gggaaataag caggttccat ttcttttggg ggtacctgct tttgagaagg ttgctagtgt 120
 tgttattcat ttcattttta gaagaacagg tcggcatctt ttccttactg atgatgatga 180
 aggaaaacct ccattgctta aacgcattgt tcaagactac ggtgatttgt 230

<210> 35131
 <211> 228
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890282H1

 <400> 35131

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 acagcctcct tttgatcagg ttaaacctgc acttctgct cttgcccgtc ttatccattc 120
 gaacgatgaa gaagttttga ctgatgcatg ttgggcactg tcatatcttt ctgatggtac 180
 aatgataaa attcaagctg gtaattgaag ctggtgtttg tccccgac 228

<210> 35132
 <211> 227
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890284H1

 <400> 35132

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 acatggagga agagacaagg aggaggcaac aagctcagca ggaggcatat gatgaggatg 180
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890286H1
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 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaagggaag agaaaaaaag 180
 agaaaaaaag aaccga 196

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 <223> Clone ID: 700890287H1
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 cgaagaagtg accatacagt ctcagccacc catggagaca tggaccaaaa cactcgtgac 180
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 <223> Clone ID: 700890288H1
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 caactccggt gcaccaccta gccagcgccg acaacatctg cggcgtagca ccactacgtc 180
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<210> 35136
 <211> 105
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890291H1

<400> 35136

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 <212> DNA
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<223> Clone ID: 700890292H1

<400> 35137

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 tgtcaagccc gtggcaactt cagggcagat aacattcaag ccctctcgag tgtatcggca 180
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 gggtgacaac 250

<210> 35138
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 <213> Glycine max

<223> Clone ID: 700890293H1

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 ttcaccccttg tttactgcac cgccgggtatt tcaggaggac acataaaccc ggcgggtgaca 180
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<210> 35139

<211> 231
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<223> Clone ID: 700890294H1

<400> 35139

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 aaaaaaaaaa gggtagctat gaagagacca ttagggctctt gaccacaagg tgcaggaccc 180
 aacttggtgc aactttcaac cgctacagag agatccatgg cacttccatc t 231

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890295H1

<400> 35140

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 ccacagacaa tatgatagct gtttgcaaaa ttggagaaac ccgccctata aaaacttttg 180
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 <213> Glycine max

<223> Clone ID: 700890296H1

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 aaacaatttc tcacgttcag cactcacta gactctacca tggatatgga atacagaatc 180
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<211> 232
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<223> Clone ID: 700890261H1

<400> 35142

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 ccacgaacct cactctttcc aaccctcttc actctccggt gatgctcagg ctcttcagaa 180
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<223> Clone ID: 700890301H1

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 ctcttcacaa ctctccactt ccttcgcttc tctctcagcc tctgcaacct ccactctttc 180
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 cattcattt 249

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<223> Clone ID: 700890302H1

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 agatgctcgt ttgatgcaag cacgtgacat acttgaagat ttgctcaaac cgggtgatga 180
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255

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<223> Clone ID: 700890222H1

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gagaacactg tcatagtaat tttgggtcat agaactgtgt atcagaggca gcaaatcaga 180
agagtttatg aggaaattta ccaggaggat cttgtgaagc gcctagagtc tgag 234

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<223> Clone ID: 700890223H1

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ccatcagga gatcatctgt gtgtgacatt tgtggagatc ctttacaact cttgcttcag 180
gtttatgcac caactgacaa ggaaaccaca tttcaccgaa tggtgtttgt ttt 233

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<223> Clone ID: 700890224H1

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gggggggttt aagctggagc tgatttctgt gtgatgttcg atgttgatt ttcccaaaca 180

ttttaagaag aaatgtgatg tgtaatgggt ctgtaatgac ctttgaaaat aag 233

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<211> 72
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<223> Clone ID: 700890225H1

<400> 35148

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<223> Clone ID: 700890226H1

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tgctcaattt gatttggaca atatcaaac catgaggcat tgctggggtg tattccgtga 180

taggcgtcct gatctatata aggtgctttt aacattagat ggcaacaac cagt 234

<210> 35150
<211> 95
<212> DNA
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<223> Clone ID: 700890228H1

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aaaaaaaaag aaaaaaaaaa gagaagaaga gaaaa 95

<210> 35151
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<212> DNA
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<223> Clone ID: 700890231H1

<400> 35151

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gtttgaattg tgatgtccaa gccactgcta ggcatagggg aggaggaagg tcaaagcaat   180
gtcactttgt tggtttcttc ctcaatcatt atggaaagtg tgtgcctgaa tagctcaaaa   240
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<210> 35152

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700890232H1

<400> 35152

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gggggggttt aagctggagc tgatttctgt gtgatgttcg atgttggtt ttcccaaaca   180
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<210> 35153

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<212> DNA

<213> Glycine max

<223> Clone ID: 700890233H1

<400> 35153

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<223> Clone ID: 700890235H1

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 cgctgataaa aggcaatggt tttgtgggat tggttttatg ggattctagc gtcgcttggc 180
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<210> 35155
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<223> Clone ID: 700890237H1

<400> 35155

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 acaaggaaat tgagaatgga atgctgtggg aagttgaggg gaagtggggt gttaaaggag 180
 cagttgatgt agacattggt gcaaaccctt ctgctgaggg tggaggagaa g 231

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<223> Clone ID: 700890238H1

<400> 35156

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 ctcataatct tgttttttaa catttcttac aaggactcaa ggaggatccg atcatgtttc 180
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<211> 232
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 <223> Clone ID: 700890239H1

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 attgtctacc cctttacatc ccttcctctt gttgcatatt gtactttgcc tgcaatttgc 180
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<210> 35158
 <211> 109
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 <223> Clone ID: 700890242H1

 <400> 35158

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<210> 35159
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 <223> Clone ID: 700890243H1

 <400> 35159

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 aaagcaagca ctgagcaaga ctcggaaga gtatgattca tccttgatg aaaaaatgtt 180
 tgctttcaag caagcagcag aagctggaga tgcattgaag gaaaacacag aaa 233

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<223> Clone ID: 700890244H1

<400> 35160

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gggaaaatag agcttcatga tgtccatttt gcataccag ctaggcccaa tgtgatgatc 180
ttccaaggct tctcaatcaa aattgatgca ggcagatcaa cagcattggt cgggc 235

<210> 35161

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700890245H1

<400> 35161

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agctgaatgg tgaagaaaga accaaaacta tggcacagat tgctaattggg tgtgaagagt 180
ggggattttt tcagttgatc aaccatggta ttccagagga actccttgag agggc 235

<210> 35162

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700890246H1

<400> 35162

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taccagaaaa tcttggtatg gatcccgatg ttagggaaga gcttttggat ttaattcaag 180
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<210> 35163

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700890248H1

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<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700890249H1

<400> 35164

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<210> 35165

<211> 233

<212> DNA

<213> Glycine max

<223> Clone ID: 700890251H1

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<210> 35166

<211> 231

<212> DNA

<213> Glycine max

<223> Clone ID: 700890252H1

<400> 35166

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 agagaccta aacaccacct tatgtccctc caagagctcc ttctcctaga cctccctctc 180
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<210> 35167

<211> 230

<212> DNA

<213> Glycine max

<223> Clone ID: 700890253H1

<400> 35167

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 accaatgcat tggcatgtaa cttgttactt ggaagcaaga ctaatttatg gttgttcttt 180
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<210> 35168

<211> 229

<212> DNA

<213> Glycine max

<223> Clone ID: 700890254H1

<400> 35168

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<210> 35169

<211> 231

<212> DNA

<213> Glycine max

<223> Clone ID: 700890255H1

<400> 35169

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ttgataaaaa cacataacaa aaaaaaaaaag tgaaaaatgg cgagcgcagt ggagaaggag 180
gggtggcgga gccaggaaac tttgtctttg gagcttctg ctccacctgg t 231

<210> 35170

<211> 236

<212> DNA

<213> Glycine max

<223> Clone ID: 700890220H1

<400> 35170

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tctctcaggg ttttctttct gcttccacta ctactccttt cgtttctaga ggcggaagtg 180
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<210> 35171

<211> 231

<212> DNA

<213> Glycine max

<223> Clone ID: 700890256H1

<400> 35171

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tcccctagaa catgggctgg ctatggaagt cttcttagga tcaattgcca ttgaagatta 120
tgactcaatg gcattctcct taattgaaat gggtgctaca aaccagggtg ttgatgctaa 180
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<210> 35172

<211> 229

<212> DNA

<213> Glycine max

<223> Clone ID: 700890258H1

<400> 35172

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gaagcagatc agcaccacca gatctaccga atgaagctct gggccaccaa cgagggttcgc 120
gccaagtcca agttctggta ttttctgagg aaactgaaaa aggtgaagaa gagcaatggc 180
caagtgcttg ccatcaacga gatttttgag aagaacccaa ccaaaatta 229

<210> 35173

<211> 229

<212> DNA

<213> Glycine max

<223> Clone ID: 700890259H1

<400> 35173

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gcatcaatgg tctttatccg catctgttgg agattgtggc atttcttgtc cctcttcttg 180
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<210> 35174

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700890182H1

<400> 35174

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gtgagtaaag gaagaacctg agtaatacac cataagctgt gatgagattt aaatatattt 180
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<210> 35175

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700890183H1

<400> 35175

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 tttgagtttc caccgtgggtt ttgcgctgag tcaaagaggc taatctccaa gattctagt 180
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<210> 35176

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700890184H1

<400> 35176

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 ggaagaaagt gtatgttata tacagctttt tctttgttcg caaaatcatc gccacatgg 180
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<210> 35177

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700890186H1

<400> 35177

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 gtatactggg ctgacaaagt tgaaaattat agaaaatctt ctaaaaattg tttctgaaaa 120
 gaaatcaggc gggaatgaaa ctgcggcaga ccctgaacca caatcttctc ctgcacctgg 180
 tcataaggct gccaaaaggc agaggaagtc tgagaatcct tcacacatcg ctgt 234

<210> 35178
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890187H1

<400> 35178

caagctatgt gagtttcaac cgcggaagaa gaagaagggtg tgtttcgacg cgcctaggct 60
 tgcggtgcgg tgtgtgaaag cctcggcgca gcgaaccggt gatactatcg acgatggaga 120
 gactcggact gggttcacca cacctgccat ggaagtcacc acattcaatc gaaccacttt 180
 caccgatgct gctgacactc ccgtttggga aaagattggt gctgtcgtca gactcag 237

<210> 35179
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890189H1

<400> 35179

tctcgagccg aatcggctcg agggccagat ggggacgggc catataacat aaacattcaa 60
 aaatactgtg cagtttcagt taacagtcaa tattgttgct ctgattatta actttgtttc 120
 tgcattcatc acaggatctg ctccccctac agctgttcag ttgctttggg tcaacttgat 180
 tatggacact ctgggtgcat tggctttggc cactgaacct cccaatgatg gacttatgct 240
 aagaccc 247

<210> 35180
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890190H1

<400> 35180

gacaatgtgc agattttgga aaagatgagg catttggtgt tattcattga gcgaaatttg 60
 gaagagaagg atgtcattcg gctaagcttt ttctctcaac ccgatggccc gctgatggga 120
 aatggttcct ttaagtcctc atcactagtt ccaggtataa aagaaggaat atatctcggt 180

002250-CTT560

ccaccaccaa aagaaaagct tccaagaat tctccacaag gatctgtttt gctaggggca 240

att 243

<210> 35181
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700890191H1

<400> 35181

gcctcatggt gcaaattgtg gtccctccagt gcatcatttg gtacaccttg atgctcttct 60

tgtttgagtt tagaggtgcc agaattgtca tctctgagca gttccctgac actgctgcct 120

ccattgtctc catccatgtg gactctgatg tcatgtcatt ggatggaaga caaccacttg 180

agactgaagc tgagatcaag gaagatggta aactccatgt cactgtgagg aaatccaatg 240

<210> 35182
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700890194H1

<400> 35182

gaaagcacta aggttgacaa ggtggttgtc ctgtggacag ccaacacaga gaggtacagc 60

aacgtagttg tgccggactaa acgacaccat ggaaaacctc tttgcttcct tggacaggaa 120

tgaggctgag atttcccctt ccaccttgta tgccattgct tgtgttatgg aaaatgttcc 180

tttcatcaat ggaagccctc agaacacctt tgtcccagga ctcatcgtatc tggccatcaa 240

a 241

<210> 35183
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700890196H1

<400> 35183

ggaaaaaaga aactaaagaa aaaaagtgag ccatgtcagg cttgtataat cccaacttct 60

ctcctgctag agctgcttct cctcagatta ggagcaatcc agaagtggac agccagtacc 120
 tatcagagtt gctggcagaa catcagaagc ttggaccctt catgcaagtg cttcccatat 180
 gcagccgcct cctaaatcaa gaaatattaa gagtttctgg aatgttgtcc aatcaagggt 240
 tt 242

<210> 35184
 <211> 245
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890201H1
 <400> 35184

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 tgttagcttt gcctctgcag gtgctggaat atttgatggt acagacgaac gttatagaca 120
 atcaataccg ttgagaaaac aaatggacta ctactcaatt gtgcatgagg aaatgactcg 180
 agaagtaaga ggagcagctg gtctacagaa gcatctctca aaatcaatat tcgttgtggt 240
 gattg 245

<210> 35185
 <211> 241
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890202H1
 <400> 35185

ggcaaccagc tttcaccttt tgttatttcc attttccatt cccatcgtaa aaatacaaaa 60
 atcataatca gtcatagctt cggcgacttc acgatattcc tttcttcttc tgattgagcc 120
 accgacagag cctgcgatta ccggtggcggg ttcagaatgg cggacaagta caacctcaag 180
 aaccccgccg tgaagcggat cctccaggag ctcaaggaga tgaactccaa cccttccgac 240
 g 241

<210> 35186
 <211> 240
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890203H1

<400> 35186

gttaacgttt tctgttttct ttccgtcgac gttctggctg cgtcccaaga atctctgacg 60
ccgttgtcgg ttttctccgg ccacggctac ttccaacgga tggcgacgac gaccacggag 120
ttcgatctcg attacgagtt ccccgatctc gattacgacc ttcgctatct cagtctcgcc 180
ggaatcgatg ccctcacgcg tttccaaaac ctattaccgg tcagttctct ctctctctct 240

<210> 35187

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700890204H1

<400> 35187

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gctatttaat tacataacaa gatttggagt cggatgctgg agctcggttc ccaaactagc 120
tggtattgcaa agatgtggaa agagttgcaa ggtgggaatg gataaactat ttgaggcctg 180
atttaaagag aggcattgtc tcacagcagg aggaggatct tataatcagt cttcatgaag 240

<210> 35188

<211> 232

<212> DNA

<213> Glycine max

<223> Clone ID: 700890205H1

<400> 35188

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tcgtctatgg caaggagtta agggacaagc ctttttaggt tttgttgccg aactaacatg 120
taatacaaac catgtcaatc acaagacatc gatggctttt aaagtgtcat cggaagtaca 180
gctatgatcg tottagagtt taacataagt ctatataccta tatttttagct ct 232

<210> 35189

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700890206H1

<400> 35189

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 ggagtcacgc gtccaaggat tcggctccgg aggatcggtt atttgtagac aaggcattga 120
 aagcagaggt ggagaccctg ggaagcataa gacacaagaa cattgtgaaa ctgtactgct 180
 gcttctccag ttatgactgc agccttttgg tttatgagta catgccaaat ggtaa 235

<210> 35190

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700890207H1

<400> 35190

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 atcaccatgg cagaggtggc gccgccgaag aaggaaaacc cgaaccttct cctggggcgg 120
 ttcgagctcg ggaagctcct cgggcacgga accttcgcga aggtccacca cgcgcgcaac 180
 atcaaaaccg gagaaggagt cgccatcaag atcatcaaca aggagaaaat cctaaag 237

<210> 35191

<211> 232

<212> DNA

<213> Glycine max

<223> Clone ID: 700890209H1

<400> 35191

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 ccgtcaggtg gtgccagatg ttggcgaacg aaggaggacg agcaacctgc tgaacgccga 120
 gcaccacttc gcgagcttca aggccaagtt cgccaagacc tacgccacca aggaggagca 180
 cgatcatcgc ttcggcgtct tcaagtccaa cctccgcaga gccaggctgc ac 232

<210> 35192

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700890211H1

<400> 35192

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ccacggagtt ctcggttctt tgctccttgg ctcttcact atctgagacg attttgtgca 120
ctactcgggtt gaagatgtat atgctggaga gcaaaggagg tgccatatca tgcattgttct 180
tgtctctttt cttcttgggg acatggcctg ctcttttgac tatgttagag aggc 234

<210> 35193

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700890212H1

<400> 35193

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tgagatatg tttgcgagtg ttccgaaagc tgatgctatt tttatgaagt ggatttgcca 120
cgattggagt gatgagcact gcttgaagtt tttgaagaac tgctacgagg cactaccaga 180
caatgggaag gtgattgtgg cagaatgcat tcttcagtg gctccagact ctagctt 237

<210> 35194

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700890214H1

<400> 35194

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tacaaggaca tgagtttctg gatcagtga tcatctactg aaaacaatct gtgtgaagtt 120
gttagaggaa tagccgggga tctttagtag gaggtgcaat taatagacaa cttcaccaac 180
aagaaaggaa tgaccagcca ctgctatagg attgcatata ggtctatgga acgttctctc 240
ac 242

<210> 35195

<211> 246

<212> DNA

<210> 35201
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890145H1

<400> 35201

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 aagaagaaga agttctgaag aagcatgtgt ggaggtgcta tcatctcaga cttcattggt 120
 gtgaagcgtg gccgcaacct cgccgcgag ggagtgtggt ccgagcttga ccccttctct 180
 gacctccttg gcttcgatac caccaccacc accaccaacc aaccacccct tccagacaaa 240
 aaagtgggtg catc 254

<210> 35202
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890146H1

<400> 35202

agactgtttt cactattgca aataggtatg gtgattacat tcggacaggg tggaggaata 60
 ttcttgattg catcttaaaa tttcacaagt taggtcttct tctgtctgt atggccagt 120
 atgagggtga agagtcagag ctttctacag aaactgagga tggggggaag cagaatacta 180
 attctttatc tttatctgt cttccatctg ttaatactcc gaagagaccc tcaggattga 240
 tgagcaggtt tagt 254

<210> 35203
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890147H1

<400> 35203

accggttggt gcctgggtca gtgggacatg tgcacgacta ttcaaactctg aagtacaatt 60
 tggatcatgca ggagccaaaa gtggtggtga gttggagtct gctcaagcaa agaatacaggc 120

actaagggat gctggagctg ttgttccac atcatatgaa gcttttgaag tttcaattaa 180
 ggaaacattt gataaattgg ttgaagatgg gaagatcaca ccaatcaagg aaatcacacc 240
 tccaccaatc cctga 255

<210> 35204
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890149H1

<400> 35204

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 tgtatcaatt gtagcactag tttgattttg gtgccaagtt cttgagctgc ggtgggtgctg 120
 accctgaaaa gttctccaag tccgacatga gataaggctg ctgctgctgc tgcttttcaa 180
 agatgttggg gctggtttca attagtagac aaatttggtt gctgaatttc gtgttcatgt 240
 gtcttcaata gatggt 256

<210> 35205
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890151H1

<400> 35205

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 ttttgttgga aatgacctct tggactggtg gcatgcaaac cgagcagggg tgttgtttag 120
 tatgatggat gtgacctgat tgtcaactat aagtttggtg gtcactatta aattcatgcc 180
 ccatatgtac tggatgaatg ataatttgga ggccagtgtg ttgtatacga gtattttattt 240
 ttcaacatt 249

<210> 35206
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890152H1

<211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890156H1

<400> 35209

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 aagtctttta caatcactgc atatactttt tactcgacat atttaacatt ttccaaattg 120
 tgctttgaat gccttgctta tgttactggt ggaactaaaa ctaattgtca catggactac 180
 ttgccaaactt caattctaac aataggaaac aggggagcag gaagaagccc actagactgg 240
 gactccagag tgaa 254

<210> 35210
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890157H1

<400> 35210

gccaaatccc tcgaagatct cctccgattc accgacatgt ccaacctcga tgcgtctctc 60
 tcgtctctta acctcggcca cggtccatc gtcttcttgg cctacgaggg cgagcggcgc 120
 gtggcggggc ccgccttcaa ccccgccggc tccttcggcc gcaagatgac catggacgac 180
 ctcatcgcca agcagatgcg cgtcacgccc aggagaatcc aactgcgag ctcgctcctt 240
 tcgaccgcga ctg 253

<210> 35211
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890159H1

<400> 35211

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 acctttcttt tttcctatgc ttttaaggca caaaccttc tttcttcctt cttctttctt 120
 cttcttattg tcattccttg cctttaccct ttagggaagg aagaaggaac aactatacta 180

ctattatcct tattattggt attattgtaa ttaatctttt tattatagtt attgttggtg 240
 ttattattcc tc 252

<210> 35212
 <211> 252
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations
 <223> Clone ID: 700890162H1

<400> 35212

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 gtttctttac aaaaccctt cttcaatagt gatgattatc ttcaagtga actagcactc 120
 tttccaccaa tggggcaata cattaacagg tcagaagttc aaagaattgg gtttgaattg 180
 agtaatcaaa cttacaagcc cccaaaagaa tttggaccct attactttat ggngggctct 240
 tatecttttc ca 252

<210> 35213
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890164H1

<400> 35213

agaagaagca aagatgatat tgcagttctt cgtgctttca cagagaggcg ataacatcgt 60
 ctaccgcgac tatcgtggtg aagctcaaaa aggaagcgct gagacatttt tccgaaaagt 120
 aaagttctgg aaagaagatg ctgagggaga tgctccacct gtttttaata tagacggtgt 180
 gaactacttc cacgtaaagg ttgctgcatt gctatttggt gctactacta gagtcaatgt 240
 ctccccctct cttgt 255

<210> 35214
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890165H1

<400> 35214

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 ttcttctctc ctactgatga agaacttggt cttcactttc tctattgcaa ggcttctctc 120
 attccatgcc atcctaacat catccccgat ctccatccgt ctcagcttgc tcttgggaa 180
 ttaaattgga aggcgttggt aagtggaaat cagtactatt tctttaccaa agtgaatgaa 240
 aacagagc 248

<210> 35215
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890166H1

<400> 35215
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 gatggtagaa ggagcagagc tgatgtggtt gagcagttcc tcccagacca caatgagtcc 120
 atttctgcag ttcttgacaa gtttggtgcc atgggaattg acacccttg cgctgttgca 180
 ctgcttgag cacacagtgt tggtcgaacc cattgtgtga agttggtgca ccgtttgtac 240
 ccagag 246

<210> 35216
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890167H1

<400> 35216
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 cccaagccca agcccaagcc cgttcataaa atactcctgc agcagcacc agtaccagc 120
 cctctgcgtc tcacccctct ccgtctacgc ctccagcatc caacaggacc ctcaccaact 180
 ggttcagaca gcaactctccc tctccctgaa ccgcacccaa gccacaaaa ctttcgtggc 240
 taactgca 248

<210> 35217
 <211> 247

<212> DNA
 <213> Glycine max

<223> Clone ID: 700890168H1

<400> 35217

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 gattgaggtg gttttgaacg atcgattggg gaagaagggtg cgcgtagaagt gcaacgaccg 120
 atgataccat cggcgacctg aagaagcttg tggcggtca gactggcaca agagccgaca 180
 agatccgcat ccagaagtgg tacaccatct acaaggatca catcactctc aaggattacg 240
 agatcca 247

<210> 35218
 <211> 91
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890170H1

<400> 35218

caggcagcac actttcactc atctacttac agtatgtcca gtgtgaccct tctttcacct 60
 gcagcataag acgatctcta tagatattca t 91

<210> 35219
 <211> 131
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890171H1

<400> 35219

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 gcttcaagaa gaacaggaag aagagggggc acgtcagcgc taggccacgg gtcgaagtcc 120
 ggaatagcac a 131

<210> 35220
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890172H1

<400> 35220

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tcttgctgcg gtggttaactg tggttgcgga agctcctgca agtgccggcaa cggctgcgga 120
ggctgcaaga tgtaccacaga cttgagctac actgagtcaa ccaccaccga gaccttggtc 180
atgggagtggt cacctgttaa ggctcaattt gaggggtgctg aaatgggtgt gcccgctgag 240
aacgat 246

<210> 35221

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700890173H1

<400> 35221

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gatttgatta tgcataattt ctttttaagt tattttttgg atttgattgc acatattttc 120
ttctatcatg tgtactattt ttattcttca aatttaattg aactattgtc ttgattgacc 180
tttactttgt atttttgggt cttcaattca ttgttttctt gcaaggatct tttcatagat 240
gtgttga 247

<210> 35222

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700890174H1

<400> 35222

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cggcaactcc ggacacagta tatcgatgtc gccatggaat atgcatatgg agctcctcat 120
ttctgtctag tctcagagat tatgctcgta gaattctgaa agtcacagtt ccagccagat 180
gctagactcg aagatctgcg cgttgaacca tggcacggtg cagcttgga gttgaacatc 240
ct 242

<210> 35223
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890175H1

<400> 35223

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 gccccgtcc tacctcactg gcgagttccc aggtgactac ggctgggaca ctgctgggct 120
 ttcgggccgac ccagaaacct tcgccagaaa ccgtgagctc gaagtgatcc actccagggtg 180
 ggccatgctc ggggccttgg gctgcgtctt ccccgaaactg ttgtcccga acgggggtcaa 240
 gttt 244

<210> 35224
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890176H1

<400> 35224

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 gctagcctca aggttgcatt tttggctgca gtgctctgca tggttgtggt gagtgcaccc 120
 atggcacatg cagctatcac gtgcgggcag gtgacgaata gcctgatcaa ttgcatcggt 180
 tacctccaga acggaggaac gccgccgtcg ggatgctgca acggagtga gagcctcaat 240
 gccg 244

<210> 35225
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890180H1

<400> 35225

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 aagaagctct cgttgtcacc ccttcggagc ccacaccgaa taccgttctc tcaactctcag 120
 ctcttgactc ccaactcttc ttgcgcttca ccatcgagta tctttttatt tacaggcccg 180

gcccgggcct ggacccaact tccaccgagg ctggtttaa agctgcatta gccaaagcgc 240
ttgttc 246

<210> 35226
<211> 254
<212> DNA
<213> Glycine max

<223> Clone ID: 700890144H1

<400> 35226

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tccagggcat tcaacttagga gcaaggcagt ggcaagttat tgcaccaagg gtgtgctgca 120
atattgactt ggaaatcttg atgtatgctg gtactgatgc tggcataagg tagcagaaga 180
gaatgtccac agttgttgta cttgtgtgct ttgtcttagt gacttggaat attgggagac 240
taaaatattg taac 254

<210> 35227
<211> 264
<212> DNA
<213> Glycine max

<223> Clone ID: 700890107H1

<400> 35227

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aactcttttc ttcttctcac tcttctact ctttctctcc accaccatgg ccatttcacc 120
agcacctgca gcagcaccaa aagccacagc aaaaactcct cctaccccaa aggcaacagc 180
accatcacca aaaccattag ttcccacaat acctcagtct ccagactctc ctgactcggt 240
ccccgacgac atcaccagaa tcct 264

<210> 35228
<211> 263
<212> DNA
<213> Glycine max

<223> Clone ID: 700890108H1

<400> 35228

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 cgccgtcgcc accgtccccg cccacaacat caccgcgatg ctggccgcac accccgggtt 120
 ctccaccttc aaccactacc tctccgtcac ccacctggcc gaagagatca accgccgcca 180
 gaccatcacc gtcttgcccc ctcgaaatgc cggcatgtcc tccctctctg acaagaactc 240
 tccctcccca ccatcaaaga cgt 263

<210> 35229
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890109H1

<400> 35229
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 tacttcacat gtcctcttat aatttttgga aattgatata taccaaagcc gtaagatttt 120
 tcccatcttt ctcgatgat agttcttctg gtcacaagc caataaagcc aaccacaacc 180
 ttcaacttca acagcacttg atcacattca ctgtctagt atccaccttc acttcccggt 240
 tccaataatt taaatcacac tcta 264

<210> 35230
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890112H1

<400> 35230
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 gtatgcattg ctggatttaa aaaggggcag ctgaaagtgt tgtcccaatc atatgatagg 120
 tccctagggtg gtagggactt tgacgaggtt ctgttcaacc attttgctgc aaagttaaag 180
 gaggagtaca agattgatgt attccaaaat gccagggctt gtctgaggtt gagggctgcc 240
 tgcgagaagc tgaagaagg 259

<210> 35231
 <211> 260

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700890113H1
 <400> 35231
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 tcactttact ctctctctct gacagctaaa atgcaaggag gaatgagatc atttttgtca 120
 catgggaatg tcattagaaa tgctgttcta caacgcgtgc gcatggtgaa ccccttgcta 180
 cagacaattg cctcttcgcg gtttgaatct gttacgcctg ctgcgattga ggagcatggg 240
 tttgagagca ccacaatttc 260

<210> 35232
 <211> 261
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890114H1
 <400> 35232
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 tccttcaacc gtcctaccc cgtcacctcc cccaacgaat actccctctt cttcgccaac 120
 tgcgcccccg aaacctcgt caccatgtcc gtccacactg aagcctacaa tctcgacgct 180
 gacggttcac gcgactacct ctccgcgggc caaacctcc tcccttcct ctactttctc 240
 ttcttttttaa cctacctctc c 261

<210> 35233
 <211> 260
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890115H1
 <400> 35233
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 attccacaga atatggagac tggtcttttc aatgactccc cacctttgga gttcaagggt 120
 atgagcaagg aggaggaaga ctcattgcta gggcaagttg aaatatggag gtacatgaca 180
 tgcttcacgg actccgtggc cttgaaatcc gtcatagagc tgcgcatagc cgacataata 240

gaccgttatg ggaaaccact

260

<210> 35234
 <211> 261
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890116H1

<400> 35234

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 gcttcctttc gctgctgctc agattggcca agcgtttagg aatgagatat ctccacgaca 120
 ggggcttctg agagtgcggg agttcacgtt ggcggagatt gagcactttg ttgaccctct 180
 agataagtct catcccaagt accctgaggt agctgacttg gagttcttga tgttcccgag 240
 ggaggagcaa atgtcgggtc a 261

<210> 35235
 <211> 263
 <212> DNA
 <213> Glycine max .

<223> Clone ID: 700890117H1

<400> 35235

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 caaaggtacg gttccaattc ctggagttaa aacaattaaa caagcagagg aaaatttagg 120
 tgctcttggg tggcgctctc cctcagacga gttgcttcag ttggaggatg cagcaaacga 180
 atcacctcgc aggatgatcc aaaacatttt ccaaaccaga taaaacctgt ggcgagacct 240
 cagcactcgg ttcgaaggaa tgc 263

<210> 35236
 <211> 118
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890118H1

<400> 35236

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agaagaagaa gcaaacaatg gccgatcaac ttaccgatga gacagatctc cgaggttc 118

<210> 35237
 <211> 101
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890119H1

<400> 35237

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agcttttagaa tccacacgag agtggcctgt actctgtaac a 101

<210> 35238
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890120H1

<400> 35238

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ccttttcgct tgtatgggtg gttgttttgg atgctgtgtg aaaccacac caattattgc 180

cgtggatgag ccagcaaagg gactaagaat tcaggggcag acagtaagaa aaccacacat 240

atcagatggt ttctggagt 259

<210> 35239
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890121H1

<400> 35239

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atcgtgatgg caccaaaggc agagaagaag ccagcagaga agaagcctgt ggaggagaag 120

aaatcgacgg tgggagacaa ggctccggcg gagaagaagc caaaggccgg aaagaagctt 180

ccgaaggagg gaggcgccgg cggagaaggt aagaagaaga agagaaacaa gaagagcgtg 240

gagacataca agatctacat ctt

263

<210> 35240
<211> 261
<212> DNA
<213> Glycine max

<223> Clone ID: 700890123H1

<400> 35240

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tcactgagtc gttgtcttgc ggaggataat ggacttggtta tgaacttcta caaggaatca 120
tgccctcagg ctgaagacat catcaaagaa caagtcaagc ttctctacaa ggcgcacaag 180
aacactgctt tctcctgggt cagaaacatc ttccatgact gtgctgttca gagttgtgat 240
gcttcactgt tgctggactc c 261

<210> 35241
<211> 193
<212> DNA
<213> Glycine max

<223> Clone ID: 700890124H1

<400> 35241

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cgaccacatc tcgtcctcat ggaatagcct ctaccccaca acaacctcca cctcttctc 120
ctaattggaac ctcaaaaaca aaacctcaac aagtgtcaaa ttctcttcca tcgcattcac 180
cagcaccttc agt 193

<210> 35242
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700890125H1

<400> 35242

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atcggttaaa gtaattcgaa acttgcaaac tagtcaatct gaagggttatg gggtttattga 120

gtttaatagt cgtgctggag ctgagagaat tcttcaaaca tataatgggg caataatgcc 180
 aaatgggggg cagagtttca ggttgaattg ggcaactttt agtgctggtg agaggtcgcg 240
 ccacgacgat tctccagatt 260

<210> 35243
 <211> 252
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890126H1
 <400> 35243

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 gcgcaactcc ggacacgagt aagacgattg tgttcatgga agaagcatct ggagctcctc 120
 atttctgtct agtctcgaga ttatgctgta tgaatgctga aagtcacagt tccagacaga 180
 agctagactc gaagatctgc gagttatacc atggccggtg cagttgggga gttgaagatc 240
 ctcgcaagac ca 252

<210> 35244
 <211> 258
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890129H1
 <400> 35244

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 ccagaaaagt ggctcgagcc attgctctcg ctccgaacgc cactctctgc gccatcgcg 120
 gccgttccag agagaaggcg gagaagttcg ccgccgagaa cggggtttccg gcgaccgtga 180
 ggggtttacgg gagctacgat caggtggttg aggatccatg cgtggacgcc gtgtacctcc 240
 ccctccccac gagtctga 258

<210> 35245
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890130H1

<400> 35245
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atcgggttaaa gtaattcgaa acaagcaaac tagtcaatct gaaggttatg ggtttattga 120
gtttaatagt cgtgctggag ctgagagaat tcttcaaaca tataatgggg caataatgcc 180
aaatggggggg cagagtttca ggttgaattg ggcaactttt agtgctggtg agaggtcgcg 240
ccacgacgat tctccag 257

<210> 35246
<211> 258
<212> DNA
<213> Glycine max

<223> Clone ID: 700890132H1

<400> 35246
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cgaaagctcc gacaccatcg acaacgtcaa ggctaagatt caggacaagg agggaatccc 120
cccagaccag cagaggctga tcttcgccgg gaagcagctc gaggacggac gcacccttgc 180
tgactacaac atccagaagg agtcaactct ccacttggtg ttgcgtcttc gtggtggtat 240
gcagattttc gtgaagac 258

<210> 35247
<211> 259
<212> DNA
<213> Glycine max

<223> Clone ID: 700890133H1

<400> 35247
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tcactgagtc gttgtcttgc ggaggataat ggacttggtt tgaacttcta caaggaatca 120
tgccctcagg ctgaagacat catcaaagaa caagtcaagc ttctctacaa gcgccacaag 180
aacactgctt tctctgggt cagaaacatc ttccatgact gtgctgttca gagttgtgat 240
gcttcactgt tgctggact 259

<210> 35248
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890135H1

<400> 35248

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 catcaaatca atagagtga gacagatcaag aggaagagga gggcacaacc aatgacaatg 120
 ggggccaccg ataaagaatt ggaagagcag cttctcgacg ccggtaacaa gtccttccta 180
 gatcctccct cctcagcggg ggagctcctc ccactcctcg accaagtaga gtgttgcccta 240
 tcgagggttg agcagtccc 259

<210> 35249
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890136H1

<400> 35249

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 agaccgagac agggaaagag atagagatcg tgggcgtgat cgagatagaa cacgggaccg 120
 tgatcgtgag cgagggaggg accgtgatcg ggatcgagaa tatgatcgac atcgtgagag 180
 ggatagagat tatgaagttg gtgaccctga tcgaggacgc tcacgtgata gggagtctga 240
 ttatgatcgt gttg 254

<210> 35250
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890137H1

<400> 35250

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 gtgagtatcg ccgccgtagc cctatcctct cttcatatta ttctattgcc tttctttaac 120
 tccctcactt tttcagtttt gaagcgcttc cagtggcgta tttacggtta tacccttctt 180

gttatgatag cttccaatcg gcgtcagcac agagccgaag ctcttggtt ccacacatat 240
 tttcggtcct gtcgat 256

<210> 35251
 <211> 263
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890106H1

<400> 35251

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 taacagaaaa aaaaaacaaa aaacgggtgt caaaaataaa aaagggtgtc aaatagaaaa 180
 aggaaaaaaa aaagctaccc tcatcaaaaa cgggtgtcaa acagaaaaaa gaaaaagccc 240
 tcagcctagg aaaaaagaaa ata 263

<210> 35252
 <211> 256
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890140H1

<400> 35252

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 tatgaattat ttgatgggtg aagagggaga agaagtgggtg agaaagcaat gacaaagggg 180
 tgttgatgga gataaatggt acttgatatag ctgcttacia gactgtaaat attggtgctg 240
 taatgtaata cacgag 256

<210> 35253
 <211> 230
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890071H1

<400> 35253

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 gctctgtctt tgtacaggaa cagattgata ggtcctattc ctcagaaggt tggttcctgg 120
 gcagagtttg cttacatcga cgtgtcggag aatttcttga cggggacgat tccgccgat 180
 atgtgtaaaa agggagccat gtgggcgctt ctcgtgcttc aaaacaagct 230

<210> 35254
 <211> 230
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890072H1
 <400> 35254

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 caaagctttg cgtgaccgag caccctaccc tgctaatacat gttgttggcc atctcagtgg 120
 gagctttgct tgtatagttt ttgacaaatc tacttctacc ctctttgtgg catctgatca 180
 atatggtaag gtacctctgt attggggaat aactgctgat ggctacgtag 230

<210> 35255
 <211> 231
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890075H1
 <400> 35255

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 tggttccagt gcaatggtgg gatggattaa caaacatggc catgcaaaag tcaagcagtt 120
 ttatctaagg ggtaggaggc aatcagaagt aattatagac aaaggtgaac tgcctctaaa 180
 tactgtgcct gctgcggtgg caacaaatgg ggctgaaatt tacatagctt t 231

<210> 35256
 <211> 232
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890076H1
 <400> 35256

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tatccagagg gacgcggatt tgaaagagaa gcgaggacgc cgaaagtac tgatatgaag 120
agtttgctgc ctttgaactt tgaaatccat tgaaaaatgg atagtaggaa gtttgtgttc 180
caaatgaatt ttgtcttttt ttgtttgtta gctctgttca attgttggtg ca 232

<210> 35257
<211> 231
<212> DNA
<213> Glycine max

<223> Clone ID: 700890077H1

<400> 35257

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gttgaaaaat cttgttgctc tcaaccatct gcaggacagg tgaagaaaga gtcttctgcc 120
aaacctagtt caggcacttc caaagccccg gtctcgaaac caaccccaaa gaaaattcca 180
agccagacta ggaagaaggc aagcagcaat aaataagctg aagatgcaag a 231

<210> 35258
<211> 232
<212> DNA
<213> Glycine max

<223> Clone ID: 700890078H1

<400> 35258

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tactccgcaa tctccacag ctacaggac caaatgcaga aatctgaaaa cctcttgctc 120
cgттаатgcc gccaaaattc caatgcccc tctaaaccct aaagaccct tcctctccaa 180
gctegcttcc atcgctgcct ctcccccg cagctcctc aacactccca aa 232

<210> 35259
<211> 134
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700890079H1

<400> 35259
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 ttccggctttt gtggatcgag ggggttactt ctagagttca agtcacagta aatagatcta 120
 gggnatcttg tttg 134

<210> 35260
 <211> 234
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890080H1
 <400> 35260

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 caccactgc acagcttcat aactaaaccg ccatcgcttc caagactttc cgtgccccaa 120
 agatgagaaa acgcagcatt tacgcatggc tagtagcact tgtttgcttc ctccactca 180
 tgatcgtcac cccagccatt cccagtcac aagaatacca tgatttcgcc gacc 234

<210> 35261
 <211> 228
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890082H1
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 tacatactga tgttactaag tatctctctt tcaaagctgt ggatgggagc tttgtgttta 120
 ataaaggaaa gggtcataag gtgcccgcga atgacatgga ggccttgaag tctccactta 180
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<210> 35262
 <211> 232
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890083H1
 <400> 35262

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 tgttcatggc agcataaagg caagcttggt gttgctcatt tagctataac agtttctacc 120
 atgaaattat gatgtttttt ttgtttgtga tgttgctgaa tttcccagca ttgcatataa 180
 tgcttggtg catgtttgca gtgttacatt gtatacttgg gagctcattc tc 232

<210> 35263
 <211> 231
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890085H1
 <400> 35263

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 actgatgaca ttggaactgc tgaagcaatt ctagcatcca gttctgagat acgacaaaac 120
 ccatggatcc gtggtgtggc aaagctccat cacgtacctg tatttggtat caagtccaat 180
 accatggcac aaatgggtcaa ggcagtgcgc atgaccttg ggctagaatc c 231

<210> 35264
 <211> 230
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890086H1
 <400> 35264

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 cacatgaaca tgaacaacaa caacaacaac aaaaggcttg gtgcttttgc tgctgtggac 120
 tctgacttct caatgcaaaa acatcatcat gggcatggca acggcgtagg agccatgcac 180
 atgaacatga acaggcatgg tggcaagtta ggaggcatgt ttcaagaagg 230

<210> 35265
 <211> 230
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890087H1
 <400> 35265

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 ccgttgcttt gtcggtgggc tcgcttgggc cactgacgac catgccctcg agagagcctt 120
 ctctcagtac ggcgaaatcg ttgaaacgaa gattatcaac gatcgtgaga ctggcagatc 180
 cagggggttt ggatttgtga ccttcgcctc ggagcagtcc atgaaagatg 230

<210> 35266
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890088H1

<400> 35266

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 aacgggcaat cataacagtc aggggggtttg tgactaatga tcaaacaatga tcatgttggt 180
 aggcggatga agaaaatggt tgcttcattg gcttcctttg agggcgctgc 230

<210> 35267
 <211> 230
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890089H1

<400> 35267

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 gctctttata gctagccagc cacactcatt catttcatcc catttaaaac caacaaaacg 120
 acgttgcgct tgcattctcca atctccgac agcttctccc gtgtttccat ctcaatctga 180
 atccaagccg ttgctcgatc atgtgttggt gtgaatttgt ttgatcgagt 230

<210> 35268
 <211> 228
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890090H1

<400> 35268

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 ctctcttttg tcatcctcaa aatccacaat ctttcctcct taatatctcc gaccccaaca 120
 aaaagaaaca agcaagccat ggattcccag atccatggct tgtcctcgta aagtcaacct 180
 ctttaccagt caaacttaac cccccttctc tccccctctg aaaccgca 228

<210> 35269
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890092H1

<400> 35269

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 ttccaaacga tcttttagtcc aagctgtttg tttggctgta tctgggtgta accatcacac 120
 agatcaacaa agaattctcg gttggcttag gttgctaagc ttacataaa tgtatgctcc 180
 gttttttttg ggataaaaag tatatcatgc tatttttact cttttgctat 230

<210> 35270
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<223> Clone ID: 700890093H1

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 attcgagcca tcatctatga tggccaagtg tgatcctcgc catggaaaat acatggcttg 120
 ctgtctcatg taccggggtg atgttggtgcc taaagatggt aatgcagctg tgggaattat 180
 caagaccaag cgcactattc aatttggtga ctggtgcccc actggtttca 230

<210> 35271
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 <212> DNA
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<223> Clone ID: 700890094H1

<400> 35271

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 ttggaggccg atttcggaat cgatttatcc gaccgaaagg cattcattag ggaacaggtc 180
 gacttgttcc tccagaccga acacaaccaa ccacaacaag aggaacgcca 230

<210> 35272
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 <213> Glycine max
 <223> Clone ID: 700890095H1
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 catttctctt tttcaatccc cgatttcccc cttcttcggt ttgtgtcttc ataattcaga 120
 tcctctcttc aatctagggg tcctggctta acgaaatcaa atgtttaagg aagaatttct 180
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<210> 35273
 <211> 231
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890096H1
 <400> 35273

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 actagagttc ctggtgacat gctgattgtc acaattgtct tctgttactc tgttattgct 120
 cctgtgataa tcccatttgg tgctctatat tttggcctag gatggcttgt tttgcgaaat 180
 caggcactca aagtctatgt accaacattt gaaagttatg gaagaatgtg g 231

<210> 35274
 <211> 262
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890101H1
 <400> 35274

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 attgaggatg ttttcacat caccggtcgc ggaactgtcg ccaccggaag gggtgagaga 120
 ggtaccatta ggggttgaga gactgttgat attgttggtg ttaaggaaac tacgaacacc 180
 actgtgactg ggggtgaaat tgttcagaag attttggatg aggctttggc tggggacaat 240
 gtgggggtgt tgcttagggg ta 262

<210> 35275
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890102H1

<400> 35275

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 aatcttctca gatagaaaga gagtgatcta ttcattctaa tcatttgggg tgtcagaaac 120
 attcacattc acatctacgt cttaaagttgt gaattcatta accttcacct ggtgccacta 180
 acaaaagtga ccctttggat aagaattcaa aagggtatct gaggatctca caaatttgtt 240
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<210> 35276
 <211> 262
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890103H1

<400> 35276

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 aaaaaccgcc ggagaagaag gcagaagaca agaagcctga ggagaaaaaa ccagaagaaa 120
 aacctaagaa gagtacgggtg gttttgaaga tcaaactaca ctgtgacggg tgcattgcga 180
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 <211> 201
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<213> Glycine max

<223> Clone ID: 700890104H1

<400> 35277

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 ttcgccacgg cgggggctgc t 201

<210> 35278

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700890105H1

<400> 35278

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 aagccgaaga ggaggacaac ctgctgaacg ccgagcacca cttcgctagc ttcaaggcca 180
 agttcgccaa gacctacgcc accaaggagg gagcacgac atcgcttcgg cgtcttcaag 240
 tccaacctcc gcagagccag gctg 264

<210> 35279

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700890069H1

<400> 35279

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 accatatcca ctgaatggtt tggagccggt gatgagccag cagacacttg agtttctactg 180
 ggggaagcac cacaagactt atgtggaaaa tctgaaaaaa caagttgttg ggac 234

<210> 35280

<211> 236
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 <213> Glycine max

<223> Clone ID: 700890023H1

<400> 35280

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 ttcaaatgga ccacccttct tattcctcca acaacccttc tcataataaa cttggtgggg 180
 gtggttgctg gcatctccta tgccatcaac agtggctacc aatcttgggg acccct 236

<210> 35281
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890025H1

<400> 35281

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 aacaaaagaa caattggaga ttaacatggg aggggtcaca gtagaagagg cacttagtac 180
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<210> 35282
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890026H1

<400> 35282

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 gtctgtttct cttctgcttc acgccgctga ttccttcaat gttagctata tccagatgaa 180
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<210> 35283

<211> 237
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<223> Clone ID: 700890030H1

<400> 35283

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 ccgtcgacgg ccctcttctc tcggaacgag accggttaaa gctggagagg cgaaaacgca 180
 aggatgaacg ccagcgagag gcacaatacc aaatgcactt ggcggagatg gaggcgg 237

<210> 35284
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 <212> DNA
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<223> Clone ID: 700890031H1

<400> 35284

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 cttttttcct atataaacca accttttaat ttccttctga attaatactc cttgatctgg 180
 tgtgaagatg gacactactg actgggaagt cttttcttat gatggccttt ctgatttt 238

<210> 35285
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890032H1

<400> 35285

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 atggcagctg cttccccaat ggcaagccaa ctcaagtcca ctttactag gactcttgta 120
 gctcccaagg gcctctctgc ctcttcacca cttcacctcg tgcttctag aaggcaattt 180
 agcttcactg ttaaggccat ccaatcagag aagccaacct atcaagtgat tcagccaat 239

<210> 35286

<211> 242
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890033H1

 <400> 35286

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 ttgaaatgca tagtaaggct tcaatggcat ggattcttgg tcttggccca agtttaggac 180
 ttgttcgtgt ccccggaatt ggactagtct acacagaact tgcaagtgga gtgccccaca 240
 tt 242

<210> 35287
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 <212> DNA
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 <223> Clone ID: 700890036H1

 <400> 35287

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 acctgaaaat gtcttgctgc ggtggtaact gtggttgagg aagctcctgc aagtgcggca 120
 acggctgcgg aggctgcaag atgtaccag acttgagcta cactgagtca accaccaccg 180
 agaccttggc catggggagtg gcacctgtta aggctcaatt tgagggtgct ga 232

<210> 35288
 <211> 236
 <212> DNA
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 <223> Clone ID: 700890037H1

 <400> 35288

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 tcttgagtc tgcaaagctg gtgctagcgt cctgaaaatt cctttacaag catattgcta 180
 atatcgcggg taacaaaaag ttggttttgc ctgttcctgc tttcaatgtc attaata 236

<210> 35289
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 <223> Clone ID: 700890038H1

 <400> 35289

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 agcaagttca agtgttttgg acttgtgatg ggtgtgttaa gctcatgggt gcttcttttt 180
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<210> 35290
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 <223> Clone ID: 700890042H1

 <400> 35290

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 aactcccttt caatttcaac cctatctctg ctctcttctt cttcttcttc ttcatttttt 120
 gggctctctt gtttacaagc ttttcagtta tggcatcgaa acgcatcgtc aaggagctca 180
 aggatttgca gaaggaccct cctacttctt gcagcgcagg tcccgtggcg gagga 235

<210> 35291
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 <223> Clone ID: 700890043H1

 <400> 35291

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 tcgttcattg gagaatctga caaaagatga tgcgcgacaa caatttctgc gtatattgag 180
 agcacttctt tatggaaatt ctgttttctt caatgttcgc aagattgatg atc 233

<210> 35292
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 <223> Clone ID: 700890044H1

 <400> 35292

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 gatcggagga tgccaacttt gagactgcta agtttcatgc tactcatgta agaaagaata 180
 tagggccttg gaagggagat gcggatggcc taaaaccgtg ttgggttaag ccac 235

<210> 35293
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 <223> Clone ID: 700890047H1

 <400> 35293

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 cgaagagtga attggaggcc gtactcgctt gtgctctggt tggagcttga aaattgacgt 120
 tgtacaaaaa tgtacattcc caaccaaccc aactatctat gcaattaaaa ataatagtag 180
 agtagtataa atagtatcag accaccaata gcgaagacaa taacagtaag taac 234

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 <223> Clone ID: 700890050H1

 <400> 35294

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 <212> DNA
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<223> Clone ID: 700890051H1

<400> 35295

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ccttcaatcc cctctctcag ccaatgccat ggccgtgctc tttacgtcaa gcccctccac 180
tgcaactccca ttcaacaacg ccacgttggt gcagaggcag gtattgtttg tgagc 235

<210> 35296

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700890052H1

<400> 35296

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cgatgagaaa gatgagaagg agaaatcgca aatggcctat tttttcaaca ggtttttctt 180
cttcatcagt tttggaactc tggcagctgt cacagtactt gtctatctgc aagatga 237

<210> 35297

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700890053H1

<400> 35297

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caacgagatc aaggggaaga gggtagcgca ggtccctgag cacgtgaagc cgatgctgtc 120
cctgagctac atcaagaaag cgattcagag aggcttcgac aattaccatg ccaagtacat 180
tgaaaccagt tcccctgatc ccattctcca tgtctgctac ggcggcatga tctt 234

<210> 35298

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700890055H1
 <400> 35298
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 taaacctttc aagccaagca gcaccactat tactaataaa acccacaata ataataagtt 180
 aatagatgat gaagaaacca tttccaatct ctttggttaat ttattcaag ccac 235

<210> 35299
 <211> 236
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890057H1
 <400> 35299
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 gatacaaggc tataatgaag aaaagtgcga caaagggtcat ggagcaaggc acagatgcag 120
 aaaaagccat ggctgttcgt gagtttctag attttaagcg aaagaataag attcgctcct 180
 ttgtggatgt attgattgag agacacatga caacgaaacc agacatgaaa tcttaa 236

<210> 35300
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 <212> DNA
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<223> Clone ID: 700890058H1
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 tctcaaacag gcttctgaag atgctaaaaa tttggttaat caagagaagt cttttgcttg 180
 tgccgaaatt gaaagtgcga gagctgtggt gctgagaatt ggggaggctc ttgaa 235

<210> 35301
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890059H1

<400> 35301

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ggctgaaaaa gatgactcca gtaaacagtg catttgcttg gcagtcatac aatgaagaac 180
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<210> 35302

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700890062H1

<400> 35302

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atcactcact ggcataatat agagcttggt aaaagcaaaa aaaaaaacia aaagtgaagt 180
gttttgagat ctggcatggt atccttttct ctctagctta aatttctttg gggg 234

<210> 35303

<211> 233

<212> DNA

<213> Glycine max

<223> Clone ID: 700890063H1

<400> 35303

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tgctgattac actctcaca atgctcactc aacgcctcgt tcgaaaaacg tgaaatcttc 180
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<210> 35304

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700890064H1

<400> 35304

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 acagccaccg gcatcttagg ccaaggcgtc agcttagttg gtggagtaat tgatactgcc 180
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<210> 35305

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700890066H1

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 gaaacttttc cagactgggg gtcatgtgcc tgaaacaaat tatattttta tgggagactt 180
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<210> 35306

<211> 233

<212> DNA

<213> Glycine max

<223> Clone ID: 700890068H1

<400> 35306

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 aacggctgcg gaggctgcaa gatgtacca gacttgagct aactgagtc aaccaccacc 180
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<210> 35307

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700890020H1

<400> 35307

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aagacagaca gaagcttgca aaggcgcagt tggagaggat catgtctact aatggactat 120
cggagaatgt gtttgagata gcttcgaaaa gcttagctgc ctaaaagtgt taatggcgta 180
tgaaaaactg ccatgatgtg ttagtggcga aagaattgca gcaacgatcc caatatct 238

<210> 35308

<211> 226

<212> DNA

<213> Glycine max

<223> Clone ID: 700889967H1

<400> 35308

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ataaaaagtga atatatgact tatgtattgg aggcacttga attggaagat acaataaaga 180
attatgaacg ccgcaactca actggatggg aatataattc aagcat 226

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<211> 227

<212> DNA

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<223> Clone ID: 700889968H1

<400> 35309

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acgacgacac cttctccaaa gcctccctcg ccgccgacca ggcccgcacc atcaagctcc 180
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<210> 35310

<211> 224

<212> DNA

<213> Glycine max

<223> Clone ID: 700889969H1

<400> 35310

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tgcagccctc agaaattgag tgggtctggg agaagaagca tcacctgcaa attcgagagt 180
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<210> 35311

<211> 229

<212> DNA

<213> Glycine max

<223> Clone ID: 700889970H1

<400> 35311

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gttggttggtg gagtgttggt ttctgttggt cacgtgttgt cattttttga cccttcgccg 180
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<210> 35312

<211> 223

<212> DNA

<213> Glycine max

<223> Clone ID: 700889973H1

<400> 35312

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cactgagtcg ttgtcttgcg gaggataatg gacttggtat gaacttctac aaggaatcat 120
gccctcaggc tgaagacatc atcaaagaac aagtcaagct tctctacaag cgccacaaga 180
aactgcttt ctctggctc agaaacatct tocatgactg tgc 223

<210> 35313

<211> 223

<212> DNA

<213> Glycine max

<223> Clone ID: 700889975H1

<400> 35313

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cttcatagtt gagctctttt tcattggctg ggccgagggg agaagatggg ctgacataat 180
caagccaggc tgtgtcaaca ctgaccccat ctttcccaac aac 223

<210> 35314

<211> 223

<212> DNA

<213> Glycine max

<223> Clone ID: 700889976H1

<400> 35314

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ggagaaagta ctgccttatt gtgatgggat aatgacccaa cttcttaagg atttgtccag 120
caatcagctg cataggtctg ttaagcctcc tattttttca tgttttggag acatagcctt 180
ggcaattgga gaaaactttg agaagtactt gttatatgca atg 223

<210> 35315

<211> 228

<212> DNA

<213> Glycine max

<223> Clone ID: 700889977H1

<400> 35315

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aaaatcccac aaaccctttt ctctattcca tctaaagatt cattctttct gcaatttcga 120
tacacgggtc ttcattaatt cactaagatt ctgcgtaa atcggttttc actgaatttt 180
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<210> 35316

<211> 229

<212> DNA

<213> Glycine max

<223> Clone ID: 700889981H1

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aaatcgcgaa gactagatct gatctgagag aatggctcct cgtcttagca gcaaggacgc 120
ccaagacctt ttccgcgctc tttggctctgc ttatgctgca acccccacta atctcaagat 180
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<210> 35317

<211> 221

<212> DNA

<213> Glycine max

<223> Clone ID: 700889985H1

<400> 35317

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tggttcgtgg ctatggccgt cgtgggcttg atcgccacgg cgatgttctt caccaacgcy 120
atccgaacct cggaaacctc gtacttgtgc cggggcgcg cggggatccg aagcaaaacc 180
cgaaccgaat tcagctacga cgcgtcaccg atccagctcc g 221

<210> 35318

<211> 225

<212> DNA

<213> Glycine max

<223> Clone ID: 700889987H1

<400> 35318

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tttaatatatc tttgtccata ttttctctt tctcttctta tcaaacatcc atggcttctt 120
tgtcttctag tacaaaacag agcaataata accaagaggt tgatgagaaa ccaataccac 180
acgatcaaaa cgttctgcaa aagcacgttg cgttcttcga cagga 225

<210> 35319

<211> 222

<212> DNA

<213> Glycine max

06-07-2008

cttctcaata acatacttgc aaagggttatt gtgatgaatc ttcgagtcca aattatttgg 60
tgaattacgg cgtgtttag cagttacaag aactatacca cgtgtattat catatactgg 120
gggcttccat tcagcaagca caattaatgt acaccataa agattgaaag ctggactcat 180
cacaataacc ttctcaataa cataacttgc aagattgaag gc 222

<210>	35320
<211>	222
<212>	DNA
<213>	Glycine max

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aacgcgtatc gtccctccca tggcttcaaa gcgcaccttc aaggagctca aggacttgca  120
gaaagacca ccaacttctt gcagcgctgg tccagtagct gaggacatgt tccattggca  180
agcaacgatt atgggtcctg ctgatagtcc ttatgctgga gg                222
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<210>	35321
<211>	171
<212>	DNA
<213>	Glycine max

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tgaattcccc tgcategctg tgaaagtagt tcagttcgaa caacgaaaac gatgtcggct   120
cgattgatga agaaggttct gaacgagcag catcaccttc cgcaacacgt g             171
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<210>	35322
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<212>	DNA
<213>	Glycine max

14275

<400> 35322
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 tgagtataac gagctaattg ccaaccagga tgaattcgtg gagaaagtta atacaggcaa 120
 ctatcatgaa gttgcccttg atggttttga gcaggcgatt aaggttgggc atctgagtca 180
 gtactcaact ttacttccgc aggcatattga cttgaaaatg aga 223

<210> 35323
 <211> 225
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889994H1

<400> 35323
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 ctttattacc caacaagttc acacaaaaca aacacttatt atctgttcct gcaagtagag 120
 gtgctccaac aaggagaaga gtacacttag caacaacaag agcagagagc atgactactg 180
 tcatagaaaa acttggcatc aagattgaga ggaaccctcc tgagt 225

<210> 35324
 <211> 228
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889995H1

<400> 35324
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 gacaaacctg agccaccacc agaggggtgc ttgcccgatg ccactaaggg ttctgaccat 120
 ttgagagatg tgtttggtgcaa agctatgggg cttagtgacc gagatatcgt tgctctgtct 180
 gggggtcaca ctattggagc tgcgcacaag gacggttctg gattcgag 228

<210> 35325
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700890002H1

<400> 35325
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tttaacgtgg gcagttgaag ctggaattcc ggggatttac tctggtggtg catggcaaag 120
tgctcacgcc accttctacg gaggatccga cgcttcggc accatggggg gagcgtgtgg 180
gtatgggaac ctgtacagcc aggggtacgg tgtgaacacg gcggcattga gcacggcact 240
ct 242

<210> 35326
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700890003H1

<400> 35326
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actgttggag tgggtggaggc gttgaaggat caagggtatt gcaaaatgaa cagcacaatg 120
atgaagttgg tggctcaaca tgccaagaac cacatagggc cagtaactga ggccaagaag 180
ctggcttctc cttctccttc tccttctact tcttcttctt cagtaacttc aaataacctg 240
a 241

<210> 35327
<211> 240
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700890006H1

<400> 35327
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ccaccacctt cgcattccatc cacatctatg atcatgaacc ttccagagaa cttggcaatt 120
cctacctcct cgccggctgc atntaaggca tcgttgcttc ccaagccaat tccatccacg 180
acgatggtcg ttctacatc cgggtatactt caaagctgca gatcctttca atgagcgcca 240

<210> 35328
<211> 238

<212> DNA
 <213> Glycine max

 <223> Clone ID: 700890007H1

 <400> 35328

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 ccgagcagtg atgattccag ggtggcgagg agcaatggtt tggagaaggt gacgattcta 120
 cggagggggc agtcgctcga ttcggtgtg aagagcgacg tgtacgccg atcggcgttc 180
 gctgtgtctc cgtcgccgga agcgcttcct ctgccgtctt tttcgacgaa gaagcagg 238

<210> 35329
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890008H1

 <400> 35329

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 tgggtgaagct gatgaagcac ctgatacagt cactggggat attgtctttg tcctacagca 120
 gaaggaacac ccaaagttcc aaacgaaagg ccgatgacct ttttgtagaa cacacattgt 180
 ctcttactga ggcactgtgt ggcttccagt ttgtgctggc tcacttggat ggccggcagc 240

<210> 35330
 <211> 203
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890014H1

 <400> 35330

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 gctgcagtca ttgttgcaaa taccaatgaa ccagctccag cagcagaggc aacagcagct 120
 gcctgaacca caaaatctgc cattgttgca gcaactgcct cagcatctag gacagcaacc 180
 tcagaaacaa caacagtcaa gtc 203

<210> 35331
 <211> 237

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700890015H1
 <400> 35331
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 cttgttaaatt tcacatatca tagcaatggc agcacgttcc tacagcccca tcatgggttg 120
 cctctctttg cttcttttgg tcacattctc taatgtagct gaggccttata cacgcatgga 180
 acatttcgtc cttcagattg taaaccaaag tgtacttacc gttgctctgc aacttca 237

<210> 35332
 <211> 238
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700890016H1
 <400> 35332
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 ttacctcgta cacatcaaac aatggaagga gatgggtatt gtgggagttt ctttcagagg 120
 tgcaagcctt acatagccat gatttctctg caattcgggt ttgcgggtat gaacataatc 180
 accaagggtt ccctcaaccg tgggatgagc cactatgtgc ttgtgggtta tagacacg 238

<210> 35333
 <211> 232
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889966H1
 <400> 35333
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 tgaaaagttt tctgaagatg gtgaaaatga ctgtcttaga tatggtttat cgtccatgca 120
 aggggtggcgt gcaacaatgg aagatgctca tgctgcatat actgatctgg atgagtcac 180
 ttcatTTTTT ggtgtctatg atggtcatgg aggtaagggt gttgcaaagt tt 232

<210> 35334
 <211> 119

<212> DNA
 <213> Glycine max

 <223> Clone ID: 700890017H1

 <400> 35334

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 gccactaaat gtcaagcgaa tggagccatc aaaggtagaa agcttgagat ggctctgtc 119

<210> 35335
 <211> 242
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700890018H1

 <400> 35335

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 gacatactgc aagagtaagg agtgcaggaa gcacaccctg cacaaggta cccaatacaa 120
 gaagggtaaa gatagcattg ctgcccaagg aaaacgccgt tacgatcgca aacaatctgg 180
 ttatggcgga caaactaagc cegtcttcca caagaaggct aagaccacca agaagattgt 240
 tc 242

<210> 35336
 <211> 234
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700889920H1

 <400> 35336

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 cggcggcacc gcaaccgatt cggccaccgc atatggcaaa aggtcgaaaa ctaacgacca 120
 gccggagcga gcgcttcttg ggaacctatg cttacagcca aggtccgcc gccgtgaacc 180
 cgtcggagct tcgggaagag gatgtatggg gcgccggaga tgacgccggc gaac 234

<210> 35337
 <211> 229
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889921H1

<400> 35337

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 ataatgggaa tgaaggggtgc ccccgctctgt ctctccgtcg acgacaacgt cgtttctcaag 120
 tccccaaacg accgtcgttt gtatcgctc atccacctcc ccaacggcct tcgcgccttg 180
 ctggttcacg atcctgagat ttaccctgag gggcctccca agcatgctc 229

<210> 35338

<211> 210

<212> DNA

<213> Glycine max

<223> Clone ID: 700889922H1

<400> 35338

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 attcaccaat ggatcgcaac ggtgttctct ctcttgcatc catctgcatt gtatgcgccg 120
 gcgtcggagg ccagtctccc gccgcagcgc cctcgaacac tccggcaacc cccgccgccg 180
 cgactcccg ccaagcacct tccacacaac 210

<210> 35339

<211> 227

<212> DNA

<213> Glycine max

<223> Clone ID: 700889924H1

<400> 35339

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 ctggattgga tgtgatttgt gttctcattg gactcacaca gactgtgcca tacgtgagca 120
 acttatttgt atgggccctt ctgcaaagaa tggagcaggg ccaagtgaag tggttttcag 180
 gtgtcaagca tgcaacagga cttcagaact tctgggttgg gttaaag 227

<210> 35340

<211> 225

<212> DNA

<213> Glycine max

0022E0"ETFE60

<223> Clone ID: 700889925H1

<400> 35340

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aatgccgtcc atgcaaaatc aatgaactat atagaatgca gggattaaag ttaaggtact 120
aaaatgctaa accttattca ttgatgttgg attgattttt agatgcttaa gggtggtttt 180
atgtaaatat ttcaaggatt cacgagtttc cttatcactc aatct 225

<210> 35341

<211> 116

<212> DNA

<213> Glycine max

<223> Clone ID: 700889928H1

<400> 35341

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agtgggttcc tctcgcgcta gggctgtagt ctacagctca ttctcacaca caaccc 116

<210> 35342

<211> 231

<212> DNA

<213> Glycine max

<223> Clone ID: 700889929H1

<400> 35342

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aaaagaccct cataggtctc ttctcgtctg cggtggctgc catcgccgtc tccaccctcc 120
gcggccggaa attcaagctc ccaccgggcc cactccccgt cccaatcttc ggcaactggc 180
tccaagtcgg cgacgaactc aaccaccgca acctcaccga tttggccaaa a 231

<210> 35343

<211> 232

<212> DNA

<213> Glycine max

<223> Clone ID: 700889930H1

<400> 35343

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 tttttgttca ttgttgatga tgtcacgcgc cgccgtgcta ttacacgcgc cggaggaaga 120
 tgccggcggcg gaggagtgtc gtacctcgac ttcgtcgtcg tcgatcggga ggaacagcga 180
 cgtgtcgtcg gagagatcaa tggaggaagg agaaaacgag gtggaaagtg ct 232

<210> 35344
 <211> 151
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889932H1
 <400> 35344

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 ctctctctct ctttcttaat gcctccttgc cagaagttaa aatggcccaa gaaactttcc 120
 tattcacatc tgaatcagtg aacgaggggc a 151

<210> 35345
 <211> 236
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889933H1
 <400> 35345

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 ttaaattcaa ctaatgagta tatattgttt tactgatagt ttaataaata tactcacttc 180
 tagaaaaaat aaacacaatt aattatggac aaaaaagaag atttaataat aaatca 236

<210> 35346
 <211> 235
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889934H1
 <400> 35346

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ttgcatttgg gacgtgtgat accttctgat gatggattgc atatggtggc tgaaagttac 120
 tcttctagac atccaatgcc attgaccact gttgtctatc attgctctgc cagccaacag 180
 tgggtcaatgg ccttggatgt ctagaagagc aatgatagac atggaaggtc aagaa 235

<210> 35347
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889936H1

<400> 35347

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 tctctcacct gaaaatgtct tgctgcggtg gtaactgtgg ttgcggaagc tcttgcaagt 120
 gcggcaacgg ctgcggaggc tgcaagatgt acccagactt gagctacact gagtcaacca 180
 ccaccgagac cttggtcatg ggagtggcac ctgttaaggc tcaatttgag 230

<210> 35348
 <211> 228
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889938H1

<400> 35348

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 gccctectcc tectectcca caagcttctc ctcttttctt ctccactcct tccaactttc 120
 taactcctta ttatacccc acttcttctc ttctcttctc ttcttggcat gacaacaatc 180
 aagagctacc tgagtcatgg agccaactac tcatgagtgg gatggtgt 228

<210> 35349
 <211> 227
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889939H1

<400> 35349

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caccctttgc ctctgaaaga aatgggtagt cttgaagcgg aaagaacaac agtaggattg 120
gcagcaagag acccttcagg gattctctcc ccatacacct acaatctaag aaacacaggc 180
cctgatgatg ttacattaa agttcactac tgtggaattt gccattc 227

<210> 35350
<211> 226
<212> DNA
<213> Glycine max
<223> Clone ID: 700889943H1
<400> 35350

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tgcatttcaa atcaagcatc ctgttctta tctctgtctc tgcatttccc ttccttcttc 120
ttctctctct ctctctaaaa ccctaattct atacatggaa gggaaatctc aaatctaag 180
actaattaat taatccatcg atcaagcatg gagtccgaac tcaaag 226

<210> 35351
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<212> DNA
<213> Glycine max
<223> Clone ID: 700889945H1
<400> 35351

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ttctcttccc tttcttaggt taaaagttgg aactgagtga ttaccaact aatgttatga 120
tcagttggaa gcgttggcaa gaaagaatac gtaatagtgg tggtgtttgt tcattttggt 180
caaagaaata gtatctgggt acccaggata tggtagtgtt aagatgggt 229

<210> 35352
<211> 209
<212> DNA
<213> Glycine max
<223> Clone ID: 700889947H1
<400> 35352

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aagaagagtc tgtccgatct gaaaagcagc ggagaagact accctggctc cgactaccgt 120
 cccaagaca gaaaaaactg gatgtcccat ctgcaccctc agaaactccg catcaaccaa 180
 atcgtctggc ccggcaccca cgactccgc 209

<210> 35353
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889948H1

<400> 35353

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 agagagacaa tcacacctgc aaccatatac tactgaggtc aaaattgata atatagagaa 180
 agaaacttca aaatcatcca gtctttgtat tgctgcggaa acatatcatg cccca 235

<210> 35354
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 <213> Glycine max

<223> Clone ID: 700889949H1

<400> 35354

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 aaatgtattg gagcttatgt ccgaaataag aagaatcaaa accagatttg ctggttatgg 120
 aaaaaagtta gatcacagga tgataggggg ttccagaggt tcttagatag tgttgagtat 180
 aatcataagg atatattact ttatgagagt gtgtttggcc aaggctttgt gag 233

<210> 35355
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889950H1

<400> 35355

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gacactaatt ccttgggata aggaaacagt agagtcctca gttaacaaga caggaagatt 120
 gcttgtagt catgaagctc ctataaactg ggagggtttg gtgctgaaat ttcagcttct 180
 attggtgagc gttgcttctc aagggttagag gccctgtag caagaatttg tgg 233

<210> 35356
 <211> 228
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889951H1

<400> 35356

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 aaacaaaaac caaacaactg aagctggaag gcaccaagag gttggtcaca agagccttct 120
 ccagagtgat gctctttacc agtatattct ggagacaagt gtctacccaa gagaacctga 180
 atccatgaaa gaactgagag agttgacagc aaaacaccca tggaacat 228

<210> 35357
 <211> 226
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889954H1

<400> 35357

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 caccatttca ctgaccaaca acaacaccat aaccaacctc tcgttgacaa ctcttgctc 120
 tccgacctg cttccaaacc tgcctccgat cctcatcaac ccgcgccaaa ttggctcaac 180
 aacgcccttc tccgcagca ctacactgac aaccacaaca acaaca 226

<210> 35358
 <211> 227
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889955H1

<400> 35358

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ataagcgacg caggggaagat gatgatgacg acgacgaaga agagcaacaa caacaacgaa 120
 gctttgagat ggtggaccct tcaataggaa ctcaagagaa cgaagatcat gctgctccat 180
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<210> 35359
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889956H1

<400> 35359

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 gggagtgagg actgggccac caggaagggc gcggcggagg cgttgaagaa gctcgcgagc 120
 gtggagaagg acctcttgcc ggagttcaag ggtggatgct tgaaggtttt cgagaatcgg 180
 cgatttgata aggtaaagtt ggttcgggag gttatgaatg agat 224

<210> 35360
 <211> 224
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889957H1

<400> 35360

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 atctcctccc tcaccggcga cggcgccgcc gacaacaaac aaccttcttc gtcgccgccc 120
 gcggcggggc gacgacgacg ccctttcaga tcacgagcct ctgcgacgtg tcgtccgcgg 180
 ggaagcctcc gctttcgact tcctctttca agagaaagtg cagc 224

<210> 35361
 <211> 228
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889962H1

<400> 35361

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gttgtttatg atgtcactga ccaagagagc ttttaataatg ttaagcagtg gctgaatgaa 120
 attgaccggtt atgcaagtga aaatgttaac aagcttctag ttggaaacaa gtgcgatctc 180
 acggcaaata aagttgtgtc ctatgagaca gcaaaggctt ttgcagat 228

<210> 35362
 <211> 234
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889919H1
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 agctctctct tcaggatggt ggggctcaga gaagccacgg cggatcctcg ccggttgca 180
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 <211> 235
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889964H1
 <400> 35363

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 ctactacgca agggccttga tcgtcctcga catcagaagg gtcgcgtggc gttcaaaacc 180
 gatctagaag agtccataac agtagcagaa ccaaccctg tgctgcaga aactg 235

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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889865H1
 <400> 35364

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atggccctga ggacctgtga gagaaagctg atgatgagtt ttgaaatcca tgtgactgtg 120
 caatcttgag tattgacagt cttaaactaa aatttgtgta ttgcttctag tttggtaggg 180
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<210> 35365
 <211> 234
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889866H1
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 tcacaacgt ttattctttt cctccttgtc ttggccacca cctccttcac atcagttcac 120
 tcgagaacac actactgata catgaggata aagctcatga actgcacaag acttggccaa 180
 ggaagacaag gatgaaccat ggaagccacc gtggcgccaa gaaacacctc gtga 234

<210> 35366
 <211> 104
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889868H1
 <400> 35366

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<210> 35367
 <211> 228
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889869H1
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 ttgattttta ggggtggaaga aaaatcagag tgagagaaaa aatcgatgga gatggaagta 120
 acatcgagaa gaagcaacaa gacgtggtga aagagaaaga cttgttcaaa gctgcagaag 180

agggcgaggc atcaacgttc gaagctctct cttctgaaat cctctcca

228

<210> 35368
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<212> DNA
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<223> Clone ID: 700889870H1

<400> 35368

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tatgctctgc cttgggtata ggggatattg ataataataa gatagcgagt gagatcaa 180
tcaaaggatc tgaaaagtta ggatccgagg ccatttcttt ggagggt 227

<210> 35369
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<223> Clone ID: 700889874H1

<400> 35369

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gttgaaggcg gctttggctg agttcatctc aaccttcac ttcgtgttcg ccggctcagg 180
ctccggcatc gcctacaaca agtcaccga caacggcgct gcc 224

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<211> 224
<212> DNA
<213> Glycine max

<223> Clone ID: 700889875H1

<400> 35370

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atgagcgggt agcgggacaa gaacaagggt aggagtgtga gtaagaagaa gaccaagagc 180

ttcgacgaca aggtcaaagg gggtccggtta ccacttccct cgca 224

<210> 35371
<211> 121
<212> DNA
<213> Glycine max

<223> Clone ID: 700889878H1

<400> 35371

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a 121

<210> 35372
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<223> Clone ID: 700889879H1

<400> 35372

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gaggcttcaa agggcccttg ctatctacac catgactgtt caccactcat tgtccataga 180
gatgttaaat ccaacaacat ccttcttgat tccaattttg aagcaca 227

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<212> DNA
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<223> Clone ID: 700889880H1

<400> 35373

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aatgttgctg ttaagattat caacaaggga gaaactctgg aagagatttc taggagagag 180
gctcggtttc gcaagagagg ttgctaattg tgctgaggag ttccaacaca 230

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 <223> Clone ID: 700889882H1

 <400> 35374

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 aatattcctt cctcactct cttctgcttc tatcatcttt ctgagaggct tgttgacaca 180
 caaaaaatga tcaccttaac agacttctac catgtgatga ctgcaatggt g 231

<210> 35375
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700889883H1

 <400> 35375

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 tggaaacacg tgctagtggg gatatgaaga tggccataga tgatgctttg aatggcttct 180
 ctctgtcttc caccctagg attttctgga aatcacgaag gagat 225

<210> 35376
 <211> 226
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700889884H1

 <400> 35376

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 acatagaaca aataatccaa tacagatata gagctttcaa gataatattc aatttttttc 180
 agatctgaga aattgataca aaacccaaaa acagaaattc acaatt 226

<210> 35377
 <211> 181
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889886H1

<400> 35377

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 cctgtaagca tttcaaattcc tacgtacaga ggagttgaag agtacttccc agaggaggaa 180
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<210> 35378
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889887H1

<400> 35378

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 ggcgcggaa tctggctttt aaacggggaa atcgattcct gcgtccagtt cctgcaatgg 180
 cccgtcatca tctcggagt cctcatctc gtcgtggccc tcg 223

<210> 35379
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889888H1

<400> 35379

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 ccttattggt acatatattt ttttaactaat aaaacatata ggtactaact aataatatta 180
 atttagagtt cattggctat tttgggcttt ga 212

002220-CTT2560

<210> 35380
<211> 223
<212> DNA
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<223> Clone ID: 700889890H1

<400> 35380

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ggcaaaacat ctctgtgaac atatcaagtg ctaggccacc tcaagacatg ccttgtccta 180
ggatttggct acacattact gcatgaccct ttcacgggag gga 223

<210> 35381
<211> 224
<212> DNA
<213> Glycine max

<223> Clone ID: 700889893H1

<400> 35381

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gctgctcttc aaaagaggat tgaggtctgc atgggtacca agtgcaaaaag atcaggggct 180
gctgcactga tgcaagagtt tgagagagtg gtgggtgtcg aagg 224

<210> 35382
<211> 223
<212> DNA
<213> Glycine max

<223> Clone ID: 700889894H1

<400> 35382

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gttcttgaaa ccagggggaga agatcttgaa ttggactgct ggacctgtgg gagaccttaa 180
accttggtaa caattatatt acttttatga ggccattata gga 223

<210> 35383
 <211> 223
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889895H1

<400> 35383

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 aacagattgc tgggaggcctt tctatgattt ctttcttgga tgtgagctac tgtataaaat 120
 tggtccttat gcgcttgaga tgattggcaa gaactgcaag cttctagaag ggttgtgtcg 180
 aaacatgcac ccattggata ctgcggagaa gccgcatcaa gac 223

<210> 35384
 <211> 139
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889902H1

<400> 35384

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 cgctgcaacc gctcgccgg 139

<210> 35385
 <211> 94
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889903H1

<400> 35385

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<210> 35386
 <211> 233
 <212> DNA
 <213> Glycine max

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ctcttgaggg	cgcacggcct	cgacgaaatc	gggcacacta	cggaggccgt	tcggaactcc	180
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<211> 231

<213> Glycine max

<400>	35387
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cagttatgg	ttcccattag	ttggtacatg	tattgagatc	ggtgcagtac	aaatattagt	180
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<211> 231

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<400>	35388
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agaaagtgga	agatcacgat	ccagtggaca	aaagatcatg	caacatgtcc	aattcaagtg	180
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<211> 78

<213> Glycine max

<223> Clone ID: 700889909H1

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<210> 35390

<211> 114

<212> DNA

<213> Glycine max

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ggacttggtc cttcttgctg agcttagcac tcgaatcgag tttaaagctg aaaa 114

<210> 35391

<211> 230

<212> DNA

<213> Glycine max

<223> Clone ID: 700889911H1

<400> 35391

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caaactgact ctgcctctgg gaaacttggt aaagttttta aagatttgga caatgtgtct 180

ggatcatcaa atgaattgaa atctgaaaaa gttgaagcag atttgcaacc 230

<210> 35392

<211> 230

<212> DNA

<213> Glycine max

<223> Clone ID: 700889864H1

<400> 35392

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ttgaagctct agttcaacat gtcttctgta agtaaggggtg ataagaaggc ttccattgat 180
gcagcatcat ggttgttcaa tgtgggtcacg tctgtgggaa taattcttgt 230

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<212> DNA
<213> Glycine max

<223> Clone ID: 700889917H1

<400> 35393

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gaatccacat tgtcttcttg ggggtgagata aatgtaaata tctatataag tgttctttta 120
gctccaatgt ttttctgcc ttaggttgag acatcatttc ctcttc 166

<210> 35394
<211> 237
<212> DNA
<213> Glycine max

<223> Clone ID: 700889918H1

<400> 35394

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aaaaacagga agggataggg tcggatccaa gcgcgtaaac aggggtcttg gccccctccc 120
ttgagaccct ttatatatat gagcagaaaa gaaaaagata aaaaaaacat taatgggtgga 180
aaataaataa gaaaaaatga ggtgtggagt taaaattggt taaatttcct ttgggaa 237

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<212> DNA
<213> Glycine max

<223> Clone ID: 700889827H1

<400> 35395

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aaaatggagc tgctagtgga agcttttgaa acagtcatgc caaccataaa aaattgaaac 180

tgggcaaact ggcaaagagt ggaatagctt tgtatgcaaa ataaattcaa g 231

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<211> 229
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<213> Glycine max

<223> Clone ID: 700889828H1

<400> 35396

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atgggagtg agcagttgca acaacaggaa ctacgccttc agatcattct gcaacagatg 180

caagcaaccc cgcctcctcg tcgattccaa aacccccgct gattccaag 229

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<223> Clone ID: 700889830H1

<400> 35397

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cgtacggcga cgtccgtgaa gtcaatcgca agtactacga tcgcgacgtc tgctgtctct 180

acctcgtcgg tctctgccct cacgaactct tccagttaac gaaaatggat 230

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<223> Clone ID: 700889833H1

<400> 35398

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gccattgctt ccttggaacc ttcttgattt cacaggcgaa actatagagt tggggaacta 180

agattcctct agggacttgt ttgttacagt tcttcattgct caaccaggga c 231

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 <212> DNA
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<223> Clone ID: 700889834H1

<400> 35399

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 tgcattcaaga cctgggtgtg atttagactt ggaattccta attcaggatt gttcaagtgt 180
 gagctggatc ccccttctat cctctggcat tggcatgtac caaatttggg aag 233

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889835H1

<400> 35400

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 attgaggtaa ggaagacaat tgaagcttta gatcatctta agggaatgcc ttctcgcggt 180
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<210> 35401
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 <212> DNA
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<223> Clone ID: 700889836H1

<400> 35401

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 caaaaagaag cccttttctt tttggagagc cacaatttcg acctagacgc cgccgttttcg 180

actttcctcg ataacgcaa caaccctctc atccctcaaa acgacgacgt 230

<210> 35402
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 <212> DNA
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<223> Clone ID: 700889837H1

<400> 35402

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 aaaaatcaac catagtgaca tcttcaaaac cggcgcgaaac gcctccattt agaactcctc 180
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<210> 35403
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 <212> DNA
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<223> Clone ID: 700889838H1

<400> 35403

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 gctaagagtt agcttctcgc gaaaacagag ttaccgagga gagaaatata agaatcttaa 180
 ttgcgcaaat gcatgttgtc cagggttaatt tggaggaggg cttgaaaaga 230

<210> 35404
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 <212> DNA
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<223> Clone ID: 700889839H1

<400> 35404

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 agagaaaaac tcataagagg gcttaacctg ttcccgaag accccattaa cacactcgag 180

aatgaccctc tttttgtgtc aggaagcatt gtggagaaga gcttcactt 229

<210> 35405
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889840H1

<400> 35405

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acccttcgct ttccgatctg cctccggcaa ggaatcagac agcgggaagcg tgaaatcgta 180
cgggtgaagat ttgccggagg atgcggtgag agtgacgcga agtatcat 228

<210> 35406
<211> 226
<212> DNA
<213> Glycine max

<223> Clone ID: 700889841H1

<400> 35406

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ttagaagaaa ggtttctact tgaaagggtt gaaacttggt actgtggacc gtccttttgc 180
tgagaagcac tatgctgatt tgtctgccaa gcctttcttt agtggg 226

<210> 35407
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<223> Clone ID: 700889843H1

<400> 35407

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ctctttccag gaagcagttt gtcgttgatg tccttcatcc agggagggca aatgtttcca 180

aggctgaact taaggagaag ctggctagga tgtatgaagt gaaaga 226

<210> 35408

<211> 228

<212> DNA

<213> Glycine max

<223> Clone ID: 700889846H1

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caatcaaagc aggggagcct actaacaatg acttggttagg cataactcttg gaatcaaatt 120

aaaggaatct gaaaaaagta gtggtggagg aatgagttta agggaagtag tggaagaagt 180

gaagctatctt tacttggcag ggcaggaagc aaatgcagaa ttgctggt 228

<210> 35409

<211> 228

<212> DNA

<213> Glycine max

<223> Clone ID: 700889847H1

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attcaciaag cttttcagcc ggcttttcgc caagaaggaa atgcgaattc tgatgggtggg 120

ttcgatgcag ctggttaagac caccatcctg tacaagctca aacttggaga gatcgttacc 180

acaattccca ccattgggtt caatgtggag actgtggaat acaagaac 228

<210> 35410

<211> 73

<212> DNA

<213> Glycine max

<223> Clone ID: 700889848H1

<400> 35410

tctctttcta gatttttgtt tatcctgcaa agattactga gtgcgtatca tataatgatg 60

tataaaagtt gta 73

<210> 35411
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889850H1

<400> 35411

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 ccatcggcgg tcaatctgct ggccgcacgc tgatggagct ctacgccgac gtcactcccc 120
 gcacgccgag aacttccgcg cgctttgcac cggcgagaag ggcgtagggc ggagcggcaa 180
 gccctccac tacaagggtc cgtccttcca ccgcgtgac ccgagtttca tgtgt 235

<210> 35412
 <211> 231
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889851H1

<400> 35412

gaaggaacca acaatgagaa gacatccaat ctgactcaaa caaagttgga gaagaggttt 60
 ggacagtctc cagtatttgt agcctccaca cttttggatg atggtggagt tccacatggc 120
 gtagtcctgc atcactttta aaagaagcca tccaggtcat cagttgtggt tatgaagaca 180
 aaacagaatg gggaaaagaa gttgggtgga tatatggttc tgtgacagag g 231

<210> 35413
 <211> 228
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889852H1

<400> 35413

ggcctgattc caagagcttc agtgataatg gatttggctc cgtctcatca aaatggcgag 60
 ggggtaacgt ttgtcaaatt aacaaactcc ctggctccaa gaaaaatcca tgcaacagga 120
 attgattgga gcaagattct ttaacaaagc tttcgaggca tacaatggga aacttgatcc 180
 atctagcgat acagcacgtg attttgtggg gcatggaacc cataactct 228

002220"CTT560

<210> 35417
<211> 224
<212> DNA
<213> Glycine max

<223> Clone ID: 700889856H1

<400> 35417

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caaagcgaat ctctctgcgt atctttgcgc tgctcctctt gatttccacc ttttcgtttc 120
gcttctccgc gcttccgatg acgccgatga tgatgcgac ttctatgatt cgttcgacga 180
ggattttgaa gaccgttggg ttgtgtctca gaaagatgag taca 224

<210> 35418
<211> 223
<212> DNA
<213> Glycine max

<223> Clone ID: 700889858H1

<400> 35418

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cctaaactgg cggaagatga cggaggtggc gagatcagtg gtgcacgacg ttttggggca 120
agagtggtcg acgtggacca gccaatcgtc gattatatcg tcaacgtcct cgccgacgat 180
gacttcgatt tcggcctcga cggcgaaggc gccttcgatg ccc 223

<210> 35419
<211> 226
<212> DNA
<213> Glycine max

<223> Clone ID: 700889859H1

<400> 35419

cttcaattca ttctagttct ggattccgac tagccgcgtt gactcggttc cgtttttcat 60
tctcgcggat ctaatatata ggaatagctt aagggcacat tacaatgaag gcattgattc 120
ggttggggga tttggaacaa ggctgaggcc actgacactc agtttcccta agcctcttgt 180
tgattttgct aacaagccta tgattttgca tcagatagaa gccctt 226

<210> 35420
 <211> 222
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889861H1

<400> 35420

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 agatatacat atctagggtt aatgttatca gcgacgaaat taattgcaat taagtggata 120
 gatcttgaag ctgagaatcg cgtgcgccat gaatagaggt gaaagttcag gtggtggaca 180
 gagctcgttg gggtagctat ttgggtcaga agagaagcca aa 222

<210> 35421
 <211> 227
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889862H1

<400> 35421

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 cccttcttcg gttcaaacca acactttgaa cccattgggt tggactgatg atcagatccg 120
 gagaagggtt acattaccca cgtccacacc gctgaaaggt acgatgtgga atcgcttttc 180
 aacgtactg caaacatcat caagcgttct actgcacttg ctgacag 227

<210> 35422
 <211> 229
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889826H1

<400> 35422

gaattattcc tcctttctcaa acattttttt gggcaacacg gtggacccaa gcccaatgaa 60
 tgttttcttt ttgactcctt ttaaacatta gttgaatcta ggattcataa ttttgttctg 120
 ctgcgaatgt atgtcgtttt tcaggattct tatgccattc gaagctttga gagaggaata 180
 tctgctcaaa atgctggtca ttttgcttgg gagatagttc cggttgaag 229

<210> 35423
 <211> 208
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889787H1

<400> 35423

gctctgtttc tgtctctgtg tttgcggctg aggattccga acgagcgacc ttcttcgttt 60
 ctcgcaaagt ttaagtcata atgggtaagg aaaagactca catcaacatt gtcgtcattg 120
 gacatgtcga ctctgggaag tcaactacca ctggtcattt gatctacaag cttggaggta 180
 ttgacaagcg tgtgattgag aggttcga 208

<210> 35424
 <211> 208
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889788H1

<400> 35424

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 aaccaagact tttgcttgag aagcttagag ggaggaggct tatgtttatt ggagactcac 120
 tgaacaggaa ccagtgggaa tcaatgattt gtctggcca gtctgttggt cctcaaggca 180
 aaaaaagttt gagcaagaat ggttctct 208

<210> 35425
 <211> 209
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889790H1

<400> 35425

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 gagattattg aactgataaa accaatagca tccgtgaaaa agttacctat caccttaatt 120
 ctgtctcctg atctgcctac tcatgccatt ggtgatgaaa agcggcttac acaaactctt 180
 ttgaatgtcg tgggtaatgc tgtcaaatt 209

<210> 35426
 <211> 211
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889791H1

<400> 35426

atcccaaatt ggtgaacagg atgcagaatt ccagtcaga gatgagaaaa actttgcctc 60
 tgagaaacct caatgtcaac agatgcagat atgtcaattg gagcaagaaa gtactcatgc 120
 tacgtctgaa tgtgcatcag aaatccatgc agatgagcca tcatcatttt attcctttcc 180
 acagtcattc agattcgtta acaatgctgc a 211

<210> 35427
 <211> 206
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889792H1

<400> 35427

aaacttaaat agggatatacc caacaagatt aacataatta ctctatcatt tattcgtaaa 60
 ggctcagatc ttattaatat ccgcaagggt ctggggccac atgcaaagaa tattcagttg 120
 atatcaaagg ttaagaatca ggagagaatc ctaaatttta acgaaatcct acgggagact 180
 aatacattca taatggcacg tgatga 206

<210> 35428
 <211> 213
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889793H1

<400> 35428

ggattctgtc accctgggtc cacaagtgat gatgcttctt tgaagtcagt ctagcatctc 60
 ttactactgac caagagcact tctgggttat tataagatta gctgggttct cagtgataat 120
 aaataactgt gaaatattgt ttgaatcatc caatacatca gcaaacacat tttagagacc 180
 gccaatgat tatgactcat tttcttggat tta 213

<210> 35429
 <211> 216
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700889794H1

 <400> 35429

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 caacaagggtt gaaacttcca ggaaaaaact tcgaattggg agggcgatcc tcccggtgaa 120
 ctgagccgta ccccaaaccg acacagggtga acaagtagag tatactaggg cgcttgagag 180
 aaccatgtcg aaggaaactcg gcaaaatgac cccgta 216

<210> 35430
 <211> 221
 <212> DNA
 <213> Glycine max

 <223> unsure at all n locations
 <223> Clone ID: 700889795H1

 <400> 35430

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 agagttggcc caaaggagta tagactttac cggtgcatag cgcggtatgg ctaccgcgac 120
 attcaccagg atgacattga gcttgagcgg gatcctcttt gnagnatagc tgaattcccc 180
 anatcanatg natctcaata tagcttagga tttgggagct t 221

<210> 35431
 <211> 224
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700889796H1

 <400> 35431

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 aaaaataatt ttttagttag acgcctatct aattagaagt gtaaaaaaaaa cataaaacac 120
 tgacgttata ttagaaacgt ctatagctga cacttcaaac aaaagagaga tatcagtaat 180
 tcatagttta agacatatta ttttcaacta aattaatttc tctc 224

<210> 35435
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889804H1

<400> 35435

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 aaaagaaaat gaaaactcac atgcacacac gtgcacacag agtctcatcc tgaaattaat 120
 tgggatatga tgagccaaca attcaaaagc agaatgagta tgtagccaaa acatgtagtc 180
 tatctaattg tgtgtggggc cttatattca tatttttgtt atatagtcta cctaa 235

<210> 35436
 <211> 97
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889806H1

<400> 35436

catcattata attcacaatc atcaaagaga gagatggtga acgtggtgga attgcaaaca 60
 gttgcagagt ggggtgtgaat ggatgcacgg actcatg 97

<210> 35437
 <211> 231
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889807H1

<400> 35437

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 agaattccgg ataacctacc acttgatgct gctgctcctc tcctctgtgc tgggatcact 120
 gtgtaagccc tttgagatac tatggacttg acaagcctgg tctgaatctt ggtgtggttg 180
 gtcttggtgg acttggtcac atggctgtca agtttgccaa agctcttgga g 231

<210> 35438
 <211> 230

<212> DNA
 <213> Glycine max

<223> Clone ID: 700889808H1

<400> 35438

gggaggagta catatgagtc aaggtgcatc tcggaaagct cctcccattg agagtaaatt 60
 gccctgcact cttgaggaga tatataaagg gactacaaag aagatgaaga tctctagaga 120
 aattgagatg ctagtggaaa aaccatgccca gtagaggaaa tcttgaccat taatgtcaag 180
 cctggctgga agaaaggaac aaagatcaca ttccctgaaa agggaaatga 230

<210> 35439
 <211> 204
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889812H1

<400> 35439

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 atttgggtga aggcgttgct cgaaccattg ctatggatcc accgaagggtg tcgttagagg 120
 ctggcgcggtt ctcaacactg gctccoctat taccgttcca gttggtaggg ctacccttgg 180
 ccgtatcata aatgtcattg gaga 204

<210> 35440
 <211> 229
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889813H1

<400> 35440

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 ggtgaatact ccgcgaagga ttaccatgac ccacctccgg cgccgttgat cgaccagat 120
 gagtcactaa gtggctccttg tacagagccg ccatagctga gttcatagca acactccttt 180
 tcctttacat caccgtgttg accattattg gctacaagag acagagtga 229

<210> 35441
 <211> 228

<212> DNA
 <213> Glycine max

<223> Clone ID: 700889814H1

<400> 35441

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 cttctctcta ttcgacactg acggagacgg tcggatcgct ccgtcggagc tggggatcct 120
 gataggtctc tgggaggtaa cccgacgcag gcccaactca aagccatcgt ggctgaagag 180
 aacctcacgg ccccttcga cttccccga ttcctcgatc taatggcc 228

<210> 35442
 <211> 231
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889816H1

<400> 35442

tctcgagcga ttcggctcag gaatttcttg aaggagttac taggcaaac ttggatcaa 60
 aatcacttgt tctcaagaaa ctgaaccgct aggtactgca ggccccttgg ctcttgcgag 120
 ggatagctaa tagatgactc tggagagcca ttttttgttc tcaacagtga tggtatcagt 180
 gagtaccac ttaaagaaat gattgaattc cacaaaacc atggagtaga g 231

<210> 35443
 <211> 165
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889817H1

<400> 35443

ctcttggtg tgaaaatgtc gcacagcgat accatacccc ttcacccatc ttcccaatcc 60
 gacatcgacg agatcgggaa cctcatcaat gccagcgttc accaatcagt cccttcggcg 120
 ttgtcccctt tccccgcggg cttccttccc cgtctcggtc tccgt 165

<210> 35444
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889818H1

<400> 35444

cagcaacttt ccttcatttt ctctcttcct ctcaccgagt cacgcactcg gcttgactcg 60
 tacgaactcc gatccccccc cgagtcacac tcaaccagca ccaccgcccg atccgacgat 120
 gtctcgcgcc tctccgccc agattccgcc gcctccggtg agatcatact gttcggagtc 180
 agagtcgtcg tcgattccat gaggaagagc gtcacatgag caacctctca cagtacgagc 240
 a 241

<210> 35445

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700889819H1

<400> 35445

acaaggtgtg ctggaaggga ggatgcttca gctccgacat tcttgccgct atcgagaggg 60
 caatattgga caacgtaaac gttctgtctc tgctcgctcg tggtggcatg tcggattatt 120
 acagaacagt gtcgctattg gagctttttc cgctatggag aatgggattt tagtttcatg 180
 ctccgctggg aacgcggggc ccagtccta cagtctctcc aatgtggctc catg 234

<210> 35446

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700889820H1

<400> 35446

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 tttccggcaa ctagggttaa gttcatcaat ggcaggctgt ggcaaaaccc taggatccag 120
 cgccgcaaga aggccacctc aaggagcagc aaagccggcc tccaattccc cgtcggccgt 180
 atcgcccgtt tctcaaggc cgaaaatac gccgagcgcg tcggcgccgg tgct 234

<210> 35447

<211> 233

<212> DNA
 <213> Glycine max
 <223> Clone ID: 700889821H1
 <400> 35447
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 caatggactc aactatgata aagtcactgt cccacaatcc aaaaaacgcc aattccaccg 120
 cattccaagg tactttgcc aaaaatctgg tgtttttatc aagatcatgg cttctgctac 180
 acccacagca gtcctatca cctttggatt caagaatttg ttggaacat tca 233

<210> 35448
 <211> 230
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889822H1
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 tggattggct agggcatttg gcattcctgt caggaccttt acacatgagg tgggtgacatt 120
 atggacagag ctccagaaat attgcttgga tctcgtcatt attctacgcc agttgatgtt 180
 tggtcagtgg gatgcatatt tgcagagatg gtaaacagac gacctctatt 230

<210> 35449
 <211> 227
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889823H1
 <400> 35449
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 tattecttcc aatccctgga gttctctgca aaggggtttc agtgcataat aactccctgt 120
 aagtgcacta gtaaagacca aagtatgatt attgttacat tatgttacat gggtgtactt 180
 gtatatacat atcttgtccc acctttgtaa atacaattgg gacacta 227

<210> 35450
 <211> 231

<212> DNA
 <213> Glycine max

<223> Clone ID: 700889824H1

<400> 35450

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 gccatcgatg ctcagatctc tccactccgc cgccaccgc ggcgcctctc atctcttccg 120
 ccgtggtacg cctccgagcc ggtgccggag cgcaaggtag ccgttctcgg cgccgccggc 180
 gggatcgggc agcctctctc ccttctcatg aagctcaatc ccctcgtttc g 231

<210> 35451
 <211> 212
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889784H1

<400> 35451

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 gaatttggct tcaaaggatc tctcaagaat ggctgagcca ataaaggagc tagatattct 120
 gttgagtcag atagctgctg gtttgccctt ggatatcatg ccagggccca gtgaccctgc 180
 taatttctca ttaccacagc agtcattgca ta 212

<210> 35452
 <211> 92
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889739H1

<400> 35452

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 ctgccaaaga agctgccaac ttcacatctc aa 92

<210> 35453
 <211> 217
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889741H1

<400> 35453
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 accaaggaga ccgtgccact aacgtaatca ggggcacaaa gaaagaacaa gttcaacaaa 120
 tcatcaaaga cattaaggag ttcaaagaaa gcactaaggt tgacaagggtg gttgtcctgt 180
 ggacagccaa cacagagagg tacagcaacg tagttgt 217

<210> 35454
 <211> 213
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889742H1

<400> 35454
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 ttcgagagcg tcaggccacg cgctcttctg cttcgccggc gcgccgcgcg cagccttccc 120
 cgacgacttt aggggacttc tgctgagtca gtgccgcgac tcgggcgagt cgtgccgcgc 180
 cgtgaactgc accgggacgc ggtgctccaa cgg 213

<210> 35455
 <211> 214
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889743H1

<400> 35455
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 gatggcaatt gctgaaaact gtgcattgct atgtgatctt gatgtctcca agtgcacaat 120
 cactgatgct gggattgcag tcctggcaca tgccgaacag attaattctgc aaatcctttc 180
 tttgtcaggt tgcactttgg tctcagacag gaggc 214

<210> 35456
 <211> 212
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889744H1

<400> 35456

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aagaattcaa ttattgaaat tgaataagta aacaatttaa ttggattggc cgaatgggat 120
caaaaaaatg*^gagtactaac tcccatttct tatttattat tgaattaacc gatcaacttg 180
ctttgttatc gaacattgct ttttgatttc aa 212

<210> 35457

<211> 214

<212> DNA

<213> Glycine max

<223> Clone ID: 700889745H1

<400> 35457

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atgctgtggt ggtcccaaga agagggtcat tacattgctg caatccctcc ttaagcagac 120
ttctcgtggt gctcttgagg agatcaaact caagtttatc gatactctt caaagtttgg 180
gcatggctgc ttccagacca cacaggagaa gcag 214

<210> 35458

<211> 220

<212> DNA

<213> Glycine max

<223> Clone ID: 700889746H1

<400> 35458

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gccatgcttc tatcaactct ctacctgtca aaggagcaa agcgtcttgc tatcatagga 120
tggatttgcc ttgttttcaa catcagtgtc ttgctgcac ctctcttcat tattaggcga 180
gtcataaaga cgaggagcgt cgaatacatg ccatttactt 220

<210> 35459

<211> 217

<212> DNA

<213> Glycine max

<223> Clone ID: 700889747H1

<400> 35459
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 atcggcggcg aggaagatat gggcgacgac gacgagatcc agtcgcatcc ttcgccggcg 120
 agcggatccc ctccgtcgtc gccgaggtcg aacggtcgga taacggtgac ggtcgcgggt 180
 ccggcgccgc aagcagacca accaccgccg aatagtc 217

<210> 35460
 <211> 236
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889748H1

<400> 35460
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 tcctcaaacc ataaaaacac actccaattc caattgaaat gttcaaaaca caagcgaagt 120
 gaaaagagag tgagtatcgt tggaaaaaat ggagttcagt ttcgatgaga aggactttgt 180
 gtcgtgctgc gggagcacta aattcgcgaa ggaaatggct tgggcctctc ctttcg 236

<210> 35461
 <211> 225
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889749H1

<400> 35461
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 aactatgacc ggagagtttg aggatgtgaa gcttctcgat gaacttctta ctaaaaagaa 120
 caatgagaca ggttgggata cccaattca tgtagatgct gccagtgggg ggtttattgc 180
 ccatttctta taccctgatt tagagtggga cttccgtttg ccgtt 225

<210> 35462
 <211> 134
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889750H1

<400> 35462

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 cttggaagca cccgagaggc cactcagccc gcctgcattc agagccctca tcgtgtgaac 120
 tgtcatagcc acct 134

<210> 35463

<211> 217

<212> DNA

<213> Glycine max

<223> Clone ID: 700889752H1

<400> 35463

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 cctccttgcc agaagttaaa atggcccaag aaactttcct attcacatct gaatcagtga 120
 acgaggggca ccctgacaag ctctgtgacc agatctccga tgctgtgctc gatgcatgct 180
 tggagcagga ccctgacagc aaggttgccct gtgaaac 217

<210> 35464

<211> 214

<212> DNA

<213> Glycine max

<223> Clone ID: 700889753H1

<400> 35464

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 ggtgtgtttg agttaggaat tgagttctca gaagccaaca atgttcttct catgttacta 120
 atggaagaaa cacaagaaga agagtactat ggcgatgata gacttgtgag catgattcag 180
 tcattggagg cagagatcag tgacactcaa atgg 214

<210> 35465

<211> 211

<212> DNA

<213> Glycine max

<223> Clone ID: 700889754H1

<400> 35465

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 cttatgtgaa gaaaatggcc aagagccagg actatttctt caaggaattt tctagagcca 120
 ttactttgct ctctgagaac aaccctctca ctggcacaaa gggtgagatc agaaagcagt 180
 gcaatgctgc caacaagcac catgaggagc c 211

<210> 35466
 <211> 211
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889755H1
 <400> 35466

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 attcaagtgg ttctatgagt tttcttggtt tagtctgagg cttaagttt tgtttaatag 120
 atatgccaaag ggcaaattgc agtttctgat ttgttgaaac tgcaaagatt gaatttagaa 180
 ctgatagaag agttaccatg tgtatcaaac t 211

<210> 35467
 <211> 215
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889756H1
 <400> 35467

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 cctctattac cactgccacg acaccatcct ctgcgtgctt cccctctttc acatttactc 120
 tctcaactcc gttcttctct gtggcttgcc tgccaaggct accattctcc tcatgcccaa 180
 gttcaatatt aactccttac ttactctcat tcaca 215

<210> 35468
 <211> 214
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889757H1
 <400> 35468

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 tatccaacac tttgtgaagt gactactatc acgaaacctt gtacaaattt gttgtatggt 180
 ttaatgtatc actatattt atattgtcga ttatc 215

<210> 35472
 <211> 219
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889764H1
 <400> 35472

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 ggactctcac atcattgaag ctggaaatct aaggatatca gttcagggtc tgaggaaagt 120
 gaccgagaac tttgcgcctg agaatgagct tggccgtggt ggatttgggg ttgtttataa 180
 gggggagtgt gatgatggta ctaaaattgc agtgaaacg 219

<210> 35473
 <211> 227
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889765H1
 <400> 35473

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 agagacattc ctatttacct cagagtcggt gaacgagga caccctgaca agctctgcga 180
 ccaaattctcc gatgctgtcc tcgacgcttg cctcgagcag gacccag 227

<210> 35474
 <211> 62
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889766H1
 <400> 35474

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gg 62

<210> 35475
<211> 86
<212> DNA
<213> Glycine max

<223> Clone ID: 700889768H1

<400> 35475

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ggtggatttg gtcattggaga aaagca 86

<210> 35476
<211> 215
<212> DNA
<213> Glycine max

<223> Clone ID: 700889770H1

<400> 35476

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ggatccagct gcgtcgtctt ccgaaccgcc aatttcgcct cctccgataa ccgaaaaatc 120
ggtcagatcc ggcaatggtc tccaattctc actaatctcc gtcctgtttc cggctctcgc 180
caccgatcaa atactccgtt tagctcctcc ggtgt 215

<210> 35477
<211> 211
<212> DNA
<213> Glycine max

<223> Clone ID: 700889771H1

<400> 35477

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cataattccc aatcatcacc gcagcaacca aatagggtct gcgtttcgtg caatcaatcc 120
attacattac actgcatggt atataatcat acacacacac acacacacct gaaccaatct 180
aggtttagag gaaacggcat cgtcgatggc t 211

<210> 35478
 <211> 210
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889772H1

<400> 35478

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 ctacaccgga ccacctgttc aacctccgca acaacttgta tctcggggcg taccaagccg 120
 ccatcaacag cggcgacgtc accaacctct cccaagaaga ctccctcgag cgcgacaccc 180
 tcgtccaccg ctgctacatc gccctcggcc 210

<210> 35479
 <211> 207
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889774H1

<400> 35479

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 tgggagcaag cataggaaaa cttatatcag ttacatcttc cagttatcaa gggaatcaat 120
 ggagactgga gagtatcact acggtttgaa tagtgtgttg aattgttgtg tgcataact 180
 ctgcctctca cgtctctctt ttgggct 207

<210> 35480
 <211> 172
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889775H1

<400> 35480

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 aggatcatca aagtctgtcc aaggaaacata gtgactcttc agtgtgttgt tggcttatca 120
 ggagtagtac ttcattgtcat catctgaact ccttgcaatt gctctgtctc ca 172

<210> 35481
<211> 100
<212> DNA
<213> Glycine max

<223> Clone ID: 700889776H1

<400> 35481

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gatagaagat ggtcccttaa accacgatct tgctgggtcaa 100

<210> 35482
<211> 189
<212> DNA
<213> Glycine max

<223> Clone ID: 700889778H1

<400> 35482

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agcaaaaaga cagcacctga taccgaagga ggtgctagtt ccgctctoga tgaaatcacc 120
atcttattca agcttcttgg actgccaaga agtgcggtacc aagatgagaa actggccaaa 180
gacttggtcc 189

<210> 35483
<211> 220
<212> DNA
<213> Glycine max

<223> Clone ID: 700889736H1

<400> 35483

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gggatgacca atggattttc tgggttggtac ctttcattgg agctgccctt gctgctgtgt 120
atcaccagat agtcatccga gccatccctt tcaagacaag ggcttaggct cttgtttttg 180
tatgtgcttg cttgtattag ttgttattta tgtatctgga 220

<210> 35484
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700889691H1

<400> 35484

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 tgaggctgag atttcccctt ccaccttgta tgccattgct tgtgttatgg aaaatgttcc 180
 tttcatcaat ggaagccctc agaacacctt tgtcccagga ctcattgatc tggccatcaa 240
 a 241

<210> 35485

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700889692H1

<400> 35485

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 gctatctaata gcctagtggg atataggaaa ggacctcaaa tctgctatct ttcgttcaca 180
 tacgcatcat attcttttaa ttgttagttc tgagttctga ccacagttgc tgatttgagt 240

<210> 35486

<211> 247

<212> DNA

<213> Glycine max

<223> Clone ID: 700889693H1

<400> 35486

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 gccgcggaaa acggtccgc tcccgccgcc ggcaacggaa aatcccactc catcaacggc 120
 gcggaggcgg cgccggagcc cgacgcgtcg aagcggcgca gatcgctcgt gctcccgttg 180
 gaggtgggta cgcgcgtcat gtgccgttgg agggacaaca agtaccaccc cgtcaaagtc 240
 atcgaac 247

ggttttgaga cctcagctac cacctacatt gctgggtgctg agattatggt gcaatgcaag 240
agcagggtta 250

<210> 35490
<211> 236
<212> DNA
<213> Glycine max

<223> Clone ID: 700889701H1

<400> 35490

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acacattgct tcaacaacac caacactagc tcacacacta acacaatcag ccacccaaat 120
agccatcaca aaccgcaaca tccatagcct taacaatgct ggaagaggca ccaaaatcac 180
cggcataatcg caattcaaac gatacctgca tcgttttggg tacttacaaa acaaca 236

<210> 35491
<211> 229
<212> DNA
<213> Glycine max

<223> Clone ID: 700889702H1

<400> 35491

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tcacatttcc aggtagctga gagggctttg ttcttatgga ataatgatca cattgagacc 120
ttaatcaagc agaactacaa aattatactt cccgttgtct tacctgctct ggagtataac 180
gcccgaacc actggaacca ggctgtccag agcttgacaa taaatgtcc 229

<210> 35492
<211> 221
<212> DNA
<213> Glycine max

<223> Clone ID: 700889706H1

<400> 35492

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ttcccatctc cttcaccatt tatttcctta cataccttgg ggatgtaaga tccgagtgga 180
 agtcctataa gacgcgtcag aaggaacatg atgagaatgt g 221

<210> 35493
 <211> 223
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889707H1
 <400> 35493

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 aggaaggagt attacaaccg aaaccctgaa gaaaaaaaga gtagaggaag aaaaaacacc 120
 tgcaccacca acgatggatg tggattacta caagatctta caggttgata ggagcgccaa 180
 agacgacgac ttgaagacgg cttataggaa acttgctata aaa 223

<210> 35494
 <211> 217
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889708H1
 <400> 35494

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 ttcttcttcc aaagtggcat cataacctag aagaaaatgg ggtgtggcca tttgttcttc 120
 acagtctca taaccttctc agtggcactc ataacatata acatcataat ctctgccaat 180
 gccctctca agcaggactt cccaggcccc tcacgcc 217

<210> 35495
 <211> 87
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889711H1
 <400> 35495

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 aaggtttacg aactgaggca gaagacg 87

<210> 35496
 <211> 98
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889714H1

<400> 35496

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gacacaacag tttatctggt tgataagttg acagcaga 98

<210> 35497
 <211> 225
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889715H1

<400> 35497

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ataacatgtg gcagtgattt ggagatggca gacttaccag ggtatcttca tgccctgtttg 180

agcacagga agcttgccct cttggcaatt ttggtgtctg gagga 225

<210> 35498
 <211> 91
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889716H1

<400> 35498

cttcgcggac cttctaagag gctccaaggc cttccatct ttcaaggtca acgttgacgg 60

cggcttaacg gttttctgcc ccaccgacag c 91

<210> 35499
 <211> 229
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889717H1

<400> 35502
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 gagagtttca ttatcaagca aacagcgaat cagatgatcg atatagagct caatatggta 120
 caaatgagac aaacatgtca gactttttga attcaattat taactgggat caaataccct 180
 ttgaggatcc caattgtcaa cagcagagct accccttatt t 221

<210> 35503
 <211> 212
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889723H1

<400> 35503
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 tgcgagagaa agccatgcca gagacgaaga tttttggcat gctgtttggc caaacactcc 120
 cattccaagt tcattgcgag atcttctaaa gcttggcctt gcaagtgttg aaatcgatga 180
 tcaccctatg caaattgaag aaacacagta cc 212

<210> 35504
 <211> 218
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889724H1

<400> 35504
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 tcagctttat ttgaatccct ctctctcctt tccaaatggc cagcgttgag gttgcacatc 120
 aaacaccaac aacagttcca gaaaatgaaa caaccgaggt aatcaagacc caggaaacaa 180
 ccccggaacc aataccagcc actgaggctc ctgcaaca 218

<210> 35505
 <211> 219
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889725H1

<400> 35505
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 ggacattcag tccaatcac atggcttctt cttctccttc tcttccatct tatctcacac 120
 accttctctt tcatccctct caccaagggtg agagtggaga gcgcgtggag gacgatgaat 180
 cgcgcggttc gattcacatc gtgaccgcgg cgacgcaac 219

<210> 35506
 <211> 205
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889726H1

<400> 35506
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 cctgatatag tcatggttgg ttttcgagtt catgtgggaa atacatcagc gagtcacata 120
 ccgtctagca tttctatttt ccaaagggtt gttaaattcg atgaaggaat gaggtcctgg 180
 tatgatattc catttactgt tgcag 205

<210> 35507
 <211> 217
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889727H1

<400> 35507
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 tcgagcacc aaggcacggg tcaactgggat ttctccccag gaagcgtgct gtcggtcaca 120
 ggggacaagt gaaggcattc cccaaggatg acccatccaa ggcaccaag ctactacat 180
 tcttgggtta caaggctggt catgactaca cattgtt 217

<210> 35508
 <211> 216
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889728H1

<400> 35508

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 cacacacaca ctctctctct ctctataata atggaaacca ctcaccgttc tagctttcat 120
 ctgtcactgc ccagggttgc ctcttctcgg tcttcccttt ccagcaacac cccactttt 180
 ctcaggcaat ctttctttcc ctgcatgata taataa 216

<210> 35509

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700889690H1

<400> 35509

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 ccttcacggg tatttcagtgc cctcgatcaa gttgcctgcc gattacactg ctggagttgt 180
 ggtcgcatth tatatgtcaa atggtgacat cccccagaac aaccatgatg agatagactt 240
 tgagt 245

<210> 35510

<211> 225

<212> DNA

<213> Glycine max

<223> Clone ID: 700889732H1

<400> 35510

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 gttccaagtt ctgggaagtg gtgtgcgacg agcacggcat agatccgacg gggaagtacg 120
 tcggaaactc agatctgcaa ctcgagcgcg tgaacgtcta ctacaatgaa gcctcgtgcg 180
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<210> 35511

<211> 230

<212> DNA

<213> Glycine max

<223> Clone ID: 700889733H1

<400> 35511

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 gtgaaaattc tgatcctatc tggttgttca aaaattgaca agttggaaga agatatagtg 120
 cagatggaat ccttgacaac tctaattgct gacaatactg ctgtgaaaca agtgcccttt 180
 tcaatagtaa gctcaaaaag cattggatat atatcccttt gtggatttga 230

<210> 35512

<211> 226

<212> DNA

<213> Glycine max

<223> Clone ID: 700889734H1

<400> 35512

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 ggtttggctg ttgctgtaca ggcaattcta gcttgctcct ttgctgagaa agattatgaa 120
 aagggtgctg ttgcgccaac acgaacactg cagatgagtt ttgttttagg agttggactc 180
 tcttttgcag ttggagttgg attgtatattt ggcgctggaa tctttt 226

<210> 35513

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700889660H1

<400> 35513

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 ttaaagtatt aagatggcag agacattcct atttacctca gagtcagtga acgagggaca 120
 ccctgacaag ctctgcgacc aaatctccga tgctgtcctc gacgcttgcc ttgaacagga 180
 cccagacagc aaggttgcct gcgaaacatg caccaagacc aacttgggtca tgggtcttcgg 240
 agagat 246

<210> 35514

<211> 251

002250-ETFE60

<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700889662H1

<400> 35514

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cgtttttttt tttactcatt tttatatttt atctatttcg tcttaacgac cacagtccac 120
agaccaaaaa caccacgcct tctcacacat atgataatca aancatataa ctatctctct 180
gtactgacaa aacctctcgt tgctaccttc tacattatct cacggtcatt gcttggcacc 240
gatggctctg t 251

<210> 35515
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700889663H1

<400> 35515

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tgttcttgaa aggctgctta tgagatgcaa atttttgtta gatgaatatg aaatgcaaca 120
atcaaggagc agtgatcttg ggagtgggct gaaagattgg catcttgaga aagcccatgc 180
attgattgac ataatgagca gtgctatggt gtttcagata aatgaaaaag attgcaccaa 240
taagtatg 248

<210> 35516
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700889664H1

<400> 35516

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tcaagatctc aagaaatata agcccttcaa agcccagcaa taattaaatt tgttccaaag 120
tgttctaaat tgctttcttc cctaagtcac tttgttttaa taagtttcag catgttcatt 180

gataatgtat tgttatcaag tgcttatgaa agaaagaata tagcacacag ctgcattgta 240
t 241

<210> 35517
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700889665H1

<400> 35517

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cagttttatc accaccattg gcattgattt taagataaga accattgaac ttgatggcaa 120
acgcattaag ttacaaatct gggatactgc tggtcaggag cgatttcgaa ctattaccac 180
agcttattac cgtggagcca tgggcatatt gcttgtttat gctgttactg atgaagcatc 240
tttcaacaat a 251

<210> 35518
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700889667H1

<400> 35518

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aacaaaagggt ggtagtgaag ggaaatgtcc agccagacac agttctgcag accgtttcca 120
aaactgggaa gaagactacc ttctgggaag gtgaagcagc aacatctgaa actagcacag 180
caactgccta aaacatttgc ctctattctg tgcagaagaa gtagctgtgt gaatcaaata 240
ctatttga 248

<210> 35519
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700889669H1

<400> 35519

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gtccaacat cctcaacatc cagaaaaacg cgtttcaagc agcagcacc ttgcccacatc 180
acaaatgggt tccgagtcac gcttcgccac gtcgattcgg gaaaaaactt aaccaaacta 240
gagcgtgt 248

<210> 35520
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889670H1

<400> 35520

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tgaaggaact caaggatctc caaaaggatc ctcctagctc atgcagcgcc ggtcctgttg 180
ctgaagacat gtttactggt caagtaacaa ttatgggtcc tccagacagt ccttattctg 240
gaggt 245

<210> 35521
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889672H1

<400> 35521

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aggttgacca agctttcatc caataccac aacacaggcc aaatctcact atcatcgaac 120
ctgaacacat tcccataata gacctctctc caatacccaa ccacttagtt tcacatccat 180
ctccattgac aggcttggtg acggagatca ggactgcac gtaagagtgg g 231

<210> 35522
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700889673H1

<400> 35522

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tccaccaccc cttcaactga aacctccacc actaccacat cttcttatac atcatctgca 180
actgctgctg gctccccaat tgttgctatg ttttttgctt ctttgatccc atactttgtg 240
ttgcgt 246

<210> 35523

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700889674H1

<400> 35523

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aagctgatgc agagtttcaa gtctcgcgag tacgtgagag aaacttttgc ttggatgcac 180
tattactggt tcctcaccaa cgatggcatc gagtttctca gaacttacct taaccttcct 240
tccga 245

<210> 35524

<211> 141

<212> DNA

<213> Glycine max

<223> Clone ID: 700889675H1

<400> 35524

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aatggatcgc aaggggtgttc tctctcttgc attcatctgc attgtagtcg cgggcgtcgg 120
aggccactct cccgccgcag c 141

<210> 35525

<211> 245

<212> DNA

<213> Glycine max
 <223> Clone ID: 700889677H1
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 cttccctatg agtccataaa tgacactggt atgttctatg gcatgaaata ctttaatgat 180
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 cagga 245

<210> 35526
 <211> 242
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889678H1
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 aagcagtgtt accaatcagc atttggtggc tgcttctca gtacatgatc actgggatct 120
 ctgatgcatt cacaattgtg gggctacaag agttgtttta tgaccaaag cctgaggcac 180
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 ac 242

<210> 35527
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889679H1
 <400> 35527
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 ctcaacacca attcacgctt cttcagaaag aaaaaaggct ccaaaatcct cgaatcttct 180
 gactcatcat catccaaggc agaaatctta tgggatctac tcagcgccaa gtacgaatc 239

<210> 35528
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889680H1

<400> 35528

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 aagatgaccg ccgtggccgt gacctactgc aagcgcgggc gcggtctcat caagatcaac 180
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 ctctgttggt gt 252

<210> 35529
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889681H1

<400> 35529

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 aacagtgact gaatcgcacg tcccgaacgg cttctccacc accaccacca ccgtcccgaa 180
 cggatcggga tcggaatccc agggccccaa ggaacacacc gcacgcgtgt ccagtagcac 240
 caaaaaatcg gtg 253

<210> 35530
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889682H1

<400> 35530

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tggtttgccg gaagttggtg gtgccgggaa gttacacgtg cttgctgttg atgacagcca 180
 cgtggaccgc aaggtgatcg agcggttgct caaaatctcg tcttgcaaag tgacggtggt 240
 ggaaagtg 248

<210> 35531
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889683H1

<400> 35531

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 tccatgtccc catccagagc tcgtgaaggg tctgcgagct cacaccgatg caggaggcgt 180
 aatcctactc ttccaagatg acaaggttgg tggccttcag atgctgaaag aagggaatg 240
 gattgatg 248

<210> 35532
 <211> 249
 <212> DNA
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<223> Clone ID: 700889684H1

<400> 35532

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 caagatccag gacaaggaag gaatcccccc ggaccagcaa cgtctcattt tcgccggaaa 180
 gcaacttgag gacggccgta cccttgctga ctacaacatt cagaaggagt ctactcttca 240
 cctcgtcct 249

<210> 35533
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889685H1

<400> 35533

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ccttctctcc ctccctcttc tcttattctc attgcttagt tacctaccgt ggatcaaagt 180
caattcccta tctcgcttcg ctctgtagtt gatttctttt gggtttcgca gtctccccaa 240
aaggggtggt tttta 254

<210> 35534

<211> 230

<212> DNA

<213> Glycine max

<223> Clone ID: 700889686H1

<400> 35534

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agggtaagat tttcgttgta acattgtatt attcttggga aaatagagtt tttccaggaa 180
aattttctat atggatttta aattgatatt atggttaccc ttttggtaga 230

<210> 35535

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700889687H1

<400> 35535

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cattatctgg ggcaatcact catcaacca gtatcctgat gttaatcatg caactgttgc 180
aacctcagct ggggagaagc ccgtccgtga gcttatagct gatgatgcct ggttgaatgg 240
ggaa 244

<210> 35536

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700889688H1

<400> 35536

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agaaagcatt gatacagttc cacgtttcttc cagtttatgt ctcaagctct aactttgact 180
ctcttagcaa tccagtgatg aactggcca gtgatagccc caatgggtat caaataaatg 240
tgaca 245

<210> 35537

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700889689H1

<400> 35537

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aattttggta gcatggcaat gccatgcgta cgatatgttc cctctccgaa tgaacactgg 120
ctatgggtgcc cgtactccgg aggtgaaatg cgcaagttgg aggcttgctg tggaagcaca 180
caacatcttt ggctttgaga ccattcctga agagtgcgtt gaagcaacaa aggaatacat 240
cca 243

<210> 35538

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700889659H1

<400> 35538

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gacaggtgcg cttgcttggc aggtcaaaat atgttaataa aaaaagtttt attggtttag 120
ggagagatcg cacgggagtt gcccggggtc tctctctcgt gtgggtgtgtg gtgtttgctg 180
tgctctcctt ttcgttatgc cttttattat tacctatctg tcgctccact ccgtattacg 240

actct

245

<210> 35539
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<212> DNA
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<223> Clone ID: 700889627H1

<400> 35539

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aggctgattt cagggatttt aaagacgatt ctgatatcga cgacgacgac gacgatcacc 180

aagtcaagcc ctttgctttc gccgcctctt ctcgtctgtc tacggcagcg aaatctgtgg 240

catt 244

<210> 35540
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889628H1

<400> 35540

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gctctgcatg ctttgagaag caggctttct gatcccaaca atatgttgca gagttgggac 180

ccaacactgg ttaatccctg tacttggtt catgttacct gtgactcaa caatcatgtg 240

attcgctt 248

<210> 35541
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889629H1

<400> 35541

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 atggaatcgc gaagagtggg gtgggggtgg cgtcgaatgg agtgatgagg ccggagctgg 240
 tgatgaag 248

<210> 35542
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 <213> Glycine max
 <223> Clone ID: 700889630H1
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 gcagccagat cgagaaaacc ctgccagagt ggcgcgacaa gttcctctcc tacaaggagc 180
 tcaagaagaa gctcaagcaa ttcgaccctc ccgccccgcg ctccgcccgc gatgaacgcc 240
 ccggcaagcg cct 253

<210> 35543
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 <213> Glycine max
 <223> Clone ID: 700889631H1
 <400> 35543

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 acatcgaagg taaccacctc actcacgtg ctatcatcgg ccaagacggc agcgtttggg 180
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 tttaatgagc ctg 253

<210> 35544
 <211> 256
 <212> DNA
 <213> Glycine max

<210> 35547
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889635H1

<400> 35547

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 gcgagggttga ttataagaag gaggagaagc accacaagca tcttgagcac cttggggaac 180
 ttggtgctgc ggctgccggt gcttatgcct tgcattgagaa gcatgaggcc aagaagacc 240
 cagagcatgc tca 253

<210> 35548
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889636H1

<400> 35548

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 aagtccaacc cttccctcct ctccgaccc tcaactctcct tcttccgcga ctatctcgaa 120
 agtctcgggg cgaaactccc tgaatctgct tattccgaat cgacgggctg ggagagcgat 180
 gaggacatag aagatgttac ggaggagcaa gagaaggtag aagaagaaga agaagatgat 240
 gaaataatt 249

<210> 35549
 <211> 79
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889637H1

<400> 35549

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 tgagatcaaa ccatcagtt 79

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 <212> DNA
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<223> Clone ID: 700889638H1

<400> 35550

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 ttgaagggtt 249

<210> 35551
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889639H1

<400> 35551

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 ttgtgagcac aaaaattcca ttcaaaggaa ctgggaaaga atacattgga gatgacataa 180
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 agattgt 247

<210> 35552
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 <212> DNA
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<223> Clone ID: 700889640H1

<400> 35552

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accctgaaaa gaggataaca gcagaagatg ctctccttca tgattgggtc catgaagccc 180
 ctcttcccaa atctgatttc aagccaatctt ttccttcttg gcagtgatag gacaggtact 240
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<210> 35553
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889642H1

<400> 35553

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 gcatggggat gctgacatat tagcatgtcc tcaggataaa attacatata aaattggaaa 180
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 tggatgaac 248

<210> 35554
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889643H1

<400> 35554

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 actccccac caciaagaac ccaaggagtt tgtctcgttg gaccaacttg ctgaacttgg 180
 agtccttagc tggaaactag atgctgataa ccacgggcat gatccagagc tgaagaagat 240
 tcgtgaa 247

<210> 35555
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889644H1

<400> 35555

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actcaagacc atggacccta atgatcctga gaatgagaag ttgcgcgggc agctaactgt 180
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<210> 35556

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700889646H1

<400> 35556

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gatattccaa gcagctgatg tcccaataga ctgggaagag cactatgtag gaactgaaat 180
tgaccctaga acgcagagct ttctgacatg ggaaagtta gaatctgtaa ggacaaataa 240
ggttggcttg 250

<210> 35557

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700889647H1

<400> 35557

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ggagatgctg ccaagaagaa taatgccatc aaggccaccc ccaaaaagac tcgatccaaa 180
tttgttgaaa gacttaattt actggagctg ggatttgctg tcttctctt cgtatgtgga 240
tgctatgatt atgttcattg gaaacaca 268

<210> 35558

<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700889649H1

<400> 35558

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cagaactacg ggacataatg ggtttcccgt tatagacgag cctcctatct cgcaagctcc 180
agttttattt ggcataatcc tccgtgacca tcttctcaca ttgttgaaga agaaagcttt 240
tatgtcctca cct 253

<210> 35559
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700889650H1

<400> 35559

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gtagaaagaa agtcgaggag aacggagatg atgctgccgg taaagcggtc agcaatggca 180
atggaaattc agtgacagtg gccattgtgt ccaatggcaa cacaagggca tcggaaatgg 240
ctgtttatga g 251

<210> 35560
<211> 85
<212> DNA
<213> Glycine max

<223> Clone ID: 700889651H1

<400> 35560

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taagatgaag gaagttgccg aaggt 85

<210> 35561

<211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889652H1

<400> 35561

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 tgctcgcaat caagcacgct gatggacgcc ccaccgtgaa gcagagtcac attcatcgct 180
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 ctt 243

<210> 35562
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889653H1

<400> 35562

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 gtatccactt ccagcaaaag gtgatgatgg aaataggaag ccctacaaa cttttcgccc 180
 ttataacatt gtcacgcg gttcaaacgg agagcttctt gaggaactc atcctgcata 240
 cttgagagct a 251

<210> 35563
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 <212> DNA
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<223> Clone ID: 700889657H1

<400> 35563

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 ctttacagga aattgttggt ggagatacct gtcttggtt gagaatgttt gaaatgcttc 180

taaaatttaa aatgacgtag tgggtttttc ccatgaggcg aaattaagaa tagcatttcc 240
agtgaaat 248

<210> 35564
<211> 247
<212> DNA
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<223> Clone ID: 700889658H1

<400> 35564

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gaccccaaac ccaaacctga aactcccact gataaaccag ccaaatttta ccccgtgat 240
gatgtca 247

<210> 35565
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<212> DNA
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<223> Clone ID: 700889626H1

<400> 35565

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gattaatcaa atgcaagcaa tgtcacaggt caagacagat gctgatatta aaaaactccg 120
gaagagtctc aactttaaag caacaccaat gccttcattt tactgcacac cttcaccgtc 180
acaaccacat gggaataagt ttcaacctca ggctgtgtca aataacacca gaagtaagac 240
agaacata 248

<210> 35566
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700889587H1

<400> 35566

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aactcttttta ttatatgggc gttgcaagag ataaatgaaa atggacatat acgagccatt 120
tcagcaagtt agcatgtggg ggggcaactt taaagttgat ggcggtctga attcaattgc 180
ttccccaatg ttaatgggtg gcactaatgt ggagaactaa gtcagagtat attcctcggg 240
aaccaa 246

<210> 35567
<211> 251
<212> DNA
<213> Glycine max

<223> Clone ID: 700889588H1

<400> 35567

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aaacatgtcg aacacatgcg gcaactgcga ctgcgctgac aagactagct gcaccaatgg 120
aaacagctat ggtgttactg tagagactga gacagagtta catcgagact gttgtcatgg 180
atgttccagc agctgagcat catgggaagt gcaagtgtgg cactaactgc acttgcacgg 240
actgcacctg t 251

<210> 35568
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700889590H1

<400> 35568

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cccttcttcc cttctcaact tgtacttcat ctaattcaat actacaactt ctgaatcact 120
tagttgaatt gaattatctt caaaatgaga gaaatccttc atgttcaagc tgggtcaatgt 180
ggcaacaaaa ttggaggcaa gttttgggag gtgatgtgtg atgaacatgg gattgatgcc 240
actgg 245

<210> 35569
<211> 244
<212> DNA

<213> Glycine max

<223> Clone ID: 700889591H1

<400> 35569

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caacgatggg agcggcagct ggagctctag gtttttgaag gtggctagtg cagctgccgc    120
tacagccgcc gttgccggcg gtttatatgc cattctttca tcctcaacct ctgctagctc    180
tgagatggaa gtgccgtttg gcagcgcacg gcgtgagagc aaagaacgtg acgatgggtg    240
ctcc                                              244
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<210> 35570

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700889592H1

<400> 35570

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aagcgggtgc catttgaaaa acctccattt agtctcagcc aaatcaagaa ggtcattcca    180
cctcactgtt tccagcgttc tgttttcgcg tcattctcct atgttggtta cgacctcacc    240
atag                                              244
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<210> 35571

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700889593H1

<400> 35571

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tggggggggaa acaatggctc aacctcact ggtggtgtta ttgctaaccg agagggtatt    120
tcatgggcaa caaaggacaa gattcaacaa gccattact ttgggtcgct gaccaggca    180
tcagctatca gagtgggggtc ttccaaggga gaagaaatat atgctccatt caagagcctg    240
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005343-03200
002220-ETFE560

cttc

244

<210> 35572
<211> 246
<212> DNA
<213> Glycine max

<223> Clone ID: 700889594H1

<400> 35572

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ctttgagaag atcttgtccc ggaagctttg agaataaact cactgaagaa aggcacaccc 120

tgatgcattc taatgcttca gctttcaagc ggtatactac caggcaattg caaatatcaa 180

tgcctgcagt gttaattaac ttctctgac aacaaagaga acagataaca aattgtgaga 240

aaaaca 246

<210> 35573
<211> 250
<212> DNA
<213> Glycine max

<223> Clone ID: 700889596H1

<400> 35573

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cttcttcccc ccttttcttt gtccatccca cccccgccac cgccgaatcc accactctcg 120

aaatccaatc atgtctgcca catccgtcaa ctccgaacga gcacgcgccc ctcccgccat 180

tcccttgggc cctccccctc tctccaaact caaaattggc ctctgtcaac tcttcgtcga 240

gtccgacaaa 250

<210> 35574
<211> 257
<212> DNA
<213> Glycine max

<223> Clone ID: 700889602H1

<400> 35574

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caggaagacg ccggcagcaa cccacgtgg aactaccccg tgaaattctc tgtcaacgaa 120
 tcgctggcga aggaaaatcg tttatctctt gagatcaagc tcatctccga ccgcaccctc 180
 ggcgacaccg tcatcggtta tgtccatggt ccgtgcaagg aactcctgga taaccccggt 240
 gatgacagct ccttccg 257

<210> 35575
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889603H1

<400> 35575

ctctcgcatc ccgtggagat ctagtgtgc caaacctcgc tgaaaattag ggtttcgttt 60
 cggaggtaga cgaagatggt cggaagggca ccgaagaaaa gcgacagcac caggtactac 120
 gaaatcctcg gcgtttcgaa gaacgcttcg ccgatgatt taaagaaggc ttacaagaaa 180
 gccgccatta agaaccaccc tgacaaaggc ggtgatcctg agaagttcaa agagcttgct 240
 caagcctatg agg 253

<210> 35576
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889605H1

<400> 35576

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 tgggtcttgcg agagaaagcc atgccagaga cgaagatgtt tggcatgctg tttggctcaa 120
 cactcccatc ccaagttcat tgcgagatct tctaaagcct ggccctgcac gtgttgaaat 180
 cgatgatcac cctatgcaaa ttgaagaaac acagtacgcg aaaaccttct tctataaaga 240
 agaccttcat cca 253

<210> 35577
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889607H1

<400> 35577

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ccatttttga ctgtacaggg tactcctatg cattcccctt tcttgatact aaagaaatgg 120
tggttgtaga tgatgacata gtggggccat tgtatgagca cacttttttc ccatcacttg 180
ctccatccct ttctctgata ggcattccta tatagatcat aggggtccct ttctttgagt 240
cacaagtaat a 251

<210> 35578

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700889610H1

<400> 35578

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cctaaatgga agcagttggg agaattagct atgtctactg gaaagttaga aatggctgag 120
gaatgtttga agtatgcaat ggatttgagt ggcttggttac tgctatattc ttcttttagga 180
gatgctgaag gaatatcaaa acttgcaatc cttgccaaagg agcaagggaa aaacaatgtt 240
gcattc 246

<210> 35579

<211> 245

<212> DNA

<213> Glycine max

<223> Clone ID: 700889612H1

<400> 35579

cagatctgag tctctgtaaa gatatttatt gcagggaaaa ggatcttctt tctggataat 60
ctgtgctgtc catttattcc attgagtgcg gactcatga ttgccaaaca tccaatagct 120
gctaagtttg atttagcttt atgagaactt ccatcaatgt ggtctaattg ggatagagtg 180
gatggatgta tgtgagtcag agcaagcatt aaggaaacac agaactagaa caagacaacc 240
ttggt 245

<210> 35580
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889613H1

<400> 35580

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 gtgtgcaaca tatggggaac ctgaaaagat gcctattata gaaacaacag aacagaaacc 120
 aattaatcca tacggaaaag ccaagaagat ggcagaagat atcatccttg atttttccaa 180
 aaattctaag atggcagtaa tgattctgag atacttcaat gtgattggat cagaccaga 240
 gggcag 246

<210> 35581
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889614H1

<400> 35581

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 ttatctatat aaataggtct atgatcatgg agtggtgaaga caagagtgat tagggttttg 120
 gtttggtggt tttcttaagc ttgagatcag gaattaattt cagaggttca gagaatggca 180
 acggattctt ctaatggtaa tggacatcac caaacaacaa caaagcaacc tcctttgccg 240
 tctcccct 248

<210> 35582
 <211> 254
 <212> DNA
 <213> Glycine max

<223> unsure at all n locations

<223> Clone ID: 700889615H1

<400> 35582

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 catggcaact caaatgagca agaagagaaa gtttggtgag gacggagtgt tctttgccga 120

actgaacgag gttctgacac gtgaattggc ggaggacggt tactccggcg tcgaagttag 180
 ggttacgccg atgcgcaccg agatcatcat cagagccacc agaaccaag ccgttctang 240
 tgagaaggga agga 254

<210> 35583
 <211> 246
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889616H1
 <400> 35583

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 ggtgggaatg ctatggtgcg ggactcacca cggcactacg ggtggaggac catatcggac 120
 ggtgatggcg tgtcgatctt tggagggagt cacgtatggg ttgaccattg ctctttgtct 180
 aactgcaatg atgggttgat cgatgccatt catgggtcta ctgggattac cactccaaca 240
 atacat 246

<210> 35584
 <211> 257
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889617H1
 <400> 35584

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 tcctcctgga cacctccatc tccgtcgca aacgcgctc cctcgaactc tccggctgga 120
 agatccgact cataaacccgg atccgaaatc cgcgggccga gaatggcacc tacaacgagt 180
 acaactacag caagttccga ctctggcagc tcacggatta tgagagagt atcttcattg 240
 atgctgacat catcgtc 257

<210> 35585
 <211> 254
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889618H1

<400> 35585

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 caagacagcg cggcgtacga agtttgagtt gaaaggggac gacatggttt atgcgcactg 120
 aacaaacccg atgaagagag agccccctta cccctcgatg aagatttgcc tgggatgggc 180
 cagtactatt gccttcactg cgatcggtac ttttccaatg tagccgtgag ggatgagcac 240
 tttaagacca aacg 254

<210> 35586

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700889619H1

<400> 35586

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 acccttttgt tccatgattg ttttttgtgt ctgtatcagc ttgatctttt tgtttttttc 120
 cttgttgtaa aaacatttca atctgcaagt tcagagatat tgttgttgga gctcaatgta 180
 tctgctctgt gagcgatcca tgtttggggg taaaacaaat tttatgctgg ctgtcaaggg 240
 cttaacat 248

<210> 35587

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700889621H1

<400> 35587

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 cgcctatgga cgtttcctgt gtttgtgcag ggaccatttg gggttgtttc tgccacagag 120
 cttattggga ttgtcctcga tttgttgat gttatctggg ctctctatgc atacactgtg 180
 aggacgcttg attttatctc tgaatttgct gtgccatcct ttagagaaaa gagcataatc 240
 atgtttaaag tg 252

<210> 35588
 <211> 236
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889623H1

<400> 35588

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 aacaaagttc acaactttaa ggaaaattga aatggcccaa gtgagcagag tgcacaatct 120
 tgctcaaagc actcaaattt ttggccattc ttccaactcc aacaaactca aatcggtgaa 180
 ttcggtttca ttgaggccac acctttgggg ggcctcaaaa ctgcgcatccg atgcat 236

<210> 35589
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889624H1

<400> 35589

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 gggagggcaa tgcgggaacc agatcggttc caagttctgg gaagtgggtgt gcgacgagca 120
 cggcatagat ccgacgggga agtacgtcgg aaactcagat ctgcaactcg agcgcgtaaa 180
 cgtctactac aatgaagcct cgtacgggag cttcgtgcca cgcgcgatgc tgatggacct 240
 ggagcc 246

<210> 35590
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889625H1

<400> 35590

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 tcggaaatgc ttgctgggag ctctactgtc ttgagcacgg catcgggccc gatgggcaaa 180
 tgccaagtga caaacagtt ggcggagggtg atgatgcttt caacactttc ttcagtgaga 240

ctggtgctgg aaagcacgt

259

<210> 35591

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700889585H1

<400> 35591

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tttgtctggt taattccggt aacgaacgag acctaggaag cacgacgaca acaacactcg 120

tcctcacacc gactgccacc gcgtccaaag atgattgatg atcaagatct gggtttcttt 180

gccaatcttc ttggcgtctt catctttgta ctggcatag cgtatcattt tgtcatggct 240

gaccca 246

<210> 35592

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700889550H1

<400> 35592

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tgaagaaagt gcaagaagaa attagaggct taagtggtaa gaaagatttc ttggatgaag 120

atgatattca aaagttttcc tacttaaggc cagtataaaa agagacactt agattgcact 180

taccagcacc actacttata ccaagagaaa caaataaaaa atgcatgtta gatggctacg 240

aaattccagc caaga 255

<210> 35593

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700889551H1

<400> 35593

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taatttcaga tctcgtcgat ctgagctcaa aacaatggcg aaaccaatgt actctcgtct 120
 tccacctcgc aagtcacgtc cgtcttcac gctgattctg actctgttcc tggctttcac 180
 cttcctcgtt ctaattctcc tggctctcgg catcctctcc attcctagct cctcgcgtgg 240
 aaatttgccc aa 252

<210> 35594
 <211> 248
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889552H1
 <400> 35594

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 tctgcgcgc tgctgctgct ccggtcgcg tcggcgatct ccgtaaccg aagaccactg 120
 cctatccgtc agaaacctcg gatctcggat ctgaacgagc gaaacgatgc cgtctcacgc 180
 ggatctggac cggcagatcg agcatctgat ggagtgaag cctctgccgg aggcgaggtg 240
 aaggcgct 248

<210> 35595
 <211> 243
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889553H1
 <400> 35595

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 caatgagatc caaaacaacc caattcacat gtaccttcaa ggtagccctt ctgagccttg 180
 cggttttctg cctcttcacg ctggtattca ggcatccat attctcattg tctcctcaac 240
 tca 243

<210> 35596
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889556H1

<400> 35596

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 cttccccctc tctcgcacag ccctgaagct ccagaacccc gttttggaat taattcgctt 180
 ctctttaatc taaattcggt gattctttcc gttgacatgt tggagggtcc aacctttctt 240
 gtttcgaggg actt 254

<210> 35597

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700889557H1

<400> 35597

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 ttctcttctg aatccccatc gcgtcgccgc ttctgcaact tcattcgata tctcttccgc 180
 ttctgcgtct aaagctacga ccgactttgt gtcgttgacc cgccactatg gaaggtgcta 240
 ttgggagc 248

<210> 35598

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700889558H1

<400> 35598

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 gagtttcaac gcagcgattc atcatcgctc ccgcccacac ccaacaacgc cgatccgaag 120
 aaaaacactt gttctgacct aatgcattca tgggtgggaat cagtctcaaa agccccgttc 180
 cgaatccacg cctcgcgcgc catcctcccc tctcctcctt ccgactctct ctctcttcta 240
 gcggactccg 250

<210> 35599
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889561H1

<400> 35599

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 gttcttcgct gaactgaacg aggttctgac aagagagttg gccgaggacg gttactccgg 120
 cgtggaagtt agggttacgc cgatgcgcac cgaaatcata attagagcca ccagaaccca 180
 agctgttctc ggtgagaagg gaaggagaat aagggaactt acctctgtgg ttcagaagag 240
 gttcaa 246

<210> 35600
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889563H1

<400> 35600

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 ttcaagcggc tggacaattg catcttttag tgaagttgag aaacttgga aagacagtcc 120
 tgttgagcca agcctgcctt ccaagaatgc tattgcagtt atcatgtaca caagtggcag 180
 tacaggtctt ccaaaggggtg tcatgattac tcacgggaac attgtagcga ctacagcagc 240
 tgttatgaca g 251

<210> 35601
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889564H1

<400> 35601

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 gtttcggttc aaccgtatTT cggaggagaa gagagaacca aatccgaaat ccaattaaac 120

cgggcaccca ttatttcggt ggacagaacc gattggcact ggaaggtggt cttgccaaat 180
 ggatcggacc gggatcatga agcggttaac gtgagtgggc ccaatgccgt ggatatttcg 240
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<210> 35602
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889565H1

<400> 35602

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 aaccatcgat ttagttgcaa ctggaacaca ggtttctttc aatgaaataa tattaatatc 120
 aatttaataa gctggtaatg taaaatactg ctaatgttaa tatgaagttt ggatgggtctt 180
 attggcagaa gatgctaggt ggtgttcac ctaattctga aaggtaaaac gatttttggtt 240
 tttaatgata atataaccat gaat 264

<210> 35603
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889566H1

<400> 35603

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 aaggaagatg ggtaaggaaa aggttcacat cagtattgtg gtcattggcc atgtcgactc 120
 tgtggtatcc actaccactg gtcacctgat ttacaagctt ggaggcattg acaagcgtgt 180
 tattgagagg tttgagaagg aagctgctga gatgaacaag aggtctttca agtatgcctg 240
 ggtgctggac 250

<210> 35604
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889571H1

<400> 35604

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acaatggcag cgagcgctcc cactccacgt gaagattccg tgtacatggc gaatctggcg 120
gaccaggccg agcgctacga ggatatgggtg gatttcattg agaaggtctc cgcctccgcc 180
gagagcgagg agctgaccgt ggaggagcga aacctctctt cggtcgccta aaagaaggta 240
atcggc 246

<210> 35605

<211> 248

<212> DNA

<213> Glycine max

<223> Clone ID: 700889572H1

<400> 35605

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ctcagttctca gatcagaaac ctcaaccagc catggcagcg ttccagaaga tcaaggctcg 120
caaccccatc gtcgagatgg acggagatga aatgactagg gttatctgga agtcaatcaa 180
ggacaagctc attttgccct tcttgaggtt ggacatcaag tattatgact taggccttcc 240
ttaccgtg 248

<210> 35606

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700889573H1

<400> 35606

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gctagcggcg cacgtgtgga gaagctgggc gagagcaata gggtttccgc cgaaccagaa 180
gctgaagctg gtgttcagtg taaacgtgcg gaaccgggtt aaaccgggtt tgccggaggg 240
gtattatggg aa 252

gaagcagaag agcctaaaga aactactgaa acagaaacag aatcagcacc agcagcaacc 240
acaga 245

<210> 35610
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889577H1

<400> 35610

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taaaagtatt agctaattta agcaatcata caaacccaag ttacacaaaa gagaatactt 180
ctagcaagca ttctgctatt acaacattcg ctagaaaaga taagcatctt tctccaagaa 240
ccgc 244

<210> 35611
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700889578H1

<400> 35611

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tcatgtccat catggaccaa caactgcttc atatgagtct aaagcagtag caatgggact 180
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gctac 245

<210> 35612
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700889579H1

<400> 35612

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 tgccggcaacg gctgcggagg ctgcaagatg taccagact tgagctacac tgagtcatcc 180
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 atggg 245

<210> 35613
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889580H1

<400> 35613

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 catgagtggg taagagttga tggaaattac gcaaccatcg gcataactga tcatgcccac 180
 gatcattttg gtgatgttgt atatgttgaa ttgccagaag tggtagcagc tgtgacacaa 240
 ggaggtagt 249

<210> 35614
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889581H1

<400> 35614

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 gggcatcaag gcaagtggta gcagctgctg aaaaaactat gactggtgct acccagttga 180
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<210> 35615
 <211> 245

002220"CTT560

<212> DNA
<213> Glycine max

<223> Clone ID: 700889582H1

<400> 35615

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tatctactta ataaataaga ggaactgctt tgtgttttct agcattgtga tttacaactt 120
cgtagcaatg catattcttg actcttgcac gcacttcaat ccttcgtagc attaatgatg 180
tggccaagtc atcatgagca tcatacttat ttctttgtga atgtaaatca gaattataag 240
agaga 245

<210> 35616
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700889584H1

<400> 35616

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ccaaagttaa ttaattacca acacaaaatg gatggaggct gtgtcacaga cgaatccacc 180
acatccagcg actctctatc cgttccgccc cccagccgcg tctgcagcgt tgcaagcgcc 240
gtcgtcga 248

<210> 35617
<211> 223
<212> DNA
<213> Glycine max

<223> Clone ID: 700889549H1

<400> 35617

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tgtccttgct accaaggcca tatataacta ttaccggagt cctgacatgg gagatgctat 180
cgaattctgt gtacatatat ctccccagc tgaagagatt tca 223

<210> 35618
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889522H1

<400> 35618

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 ttcttggtttt acctgcttca cctaggattc tgtatcttag ctgcagttgc tcctcccata 180
 gttttcaaag gaaaatcctt gacaggcatt ctgtcagcca tagatgtggt gggtgaccat 240
 gcagtgattg 250

<210> 35619
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889523H1

<400> 35619

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 gagtcttctg cgttgactgc actcacaact atgacttata tgatattaag gtttcagtga 180
 ggtgtgatgg tgtgaaaaaa ctggctttgg caactacaga aaatgatggc tccttcaagg 240
 ttgatcttcc c 251

<210> 35620
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889524H1

<400> 35620

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cgacgacaac ttcaagggca cccggtgggc cgtcctctc gccggtcca atggttactg 180
 gaatcacaga catcaggctg atgtttgtca cggctatcaa atattgagga aaggctcgtct 240
 gacagacgaa catat 255

<210> 35621
 <211> 253
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889525H1
 <400> 35621

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 tggcacaatc agaaattgca cccacatcgc aaatggagac tgggtgcaggg tttgctttgt 180
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 agtgaattgc aag 253

<210> 35622
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889526H1
 <400> 35622

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 ggatgttggg tctctgggag aaaagccac catcctggtc tccgagaaac ttggagaggc 120
 agggctgcag gtgttacgtg gcgttgggca catggaatgc gcgtatgagc tctcacagga 180
 ggagctatgc acgaagatct cgtgctgtga cgctctgata gtcaggagcg ggacgaaggt 240
 gacgaggga gt 252

<210> 35623
 <211> 250
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889527H1

<400> 35623

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 tgtcaactac cttctcatca ccgagtccat tgacacaata atgcactttg ctgctcaaac 180
 ccatgttgac aactcgtttg gtaacagctt tgagttcacc aagaacaaca tatatggtac 240
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<210> 35624

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700889528H1

<400> 35624

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 tctactgcct cgagcacggc atcgggcccg atgggcaaata gccaaagtac aagacagttg 180
 gcggtggtga tgatgctttc aatactttct tcagcgagac tgggtgctgga aagcacgtgc 240
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<210> 35625

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700889529H1

<400> 35625

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 tctctctggt cagttttcat atggcgaaca cactatataa cggcgccaca tgccgaatcc 180
 ctctccggaa ccaatccctg gccttctctc gtcacgtttc cagatccctc tctttcctcc 240
 ctataacacg 250

<210> 35626
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889530H1

<400> 35626

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 aatggcgccct gtttcagctt tagccaagta caagctcgtc ttcttggtg accaatccgt 120
 gggcaaaacc agcatcatca ctgcttcat gtatgatcaa ttcgataaca cctatcaggc 180
 tacaattggt attgattttc tatcaaaaac tatgtatctt gaagatcgaa ctgttcgact 240
 gcagttgtgg g 251

<210> 35627
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889531H1

<400> 35627

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 aataaaatgt atagcatcag aagttccaag cgtcataact aatacatata tagtttagtg 180
 caactatata atccagcgga agatatggtg caactacagg gtgccgtttt tgtatcatta 240
 tttggattgt tga 253

<210> 35628
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889532H1

<400> 35628

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 tgctcatgtt gatcgtgtgc ttaattactg acaatttaag ctcggtgtgc tgttgaaatt 180

gatggtttgt agaatttatt gtttacgctc tcgaagcttc aatgactttt atgccataag 240

gattcttct 249

<210> 35629
<211> 232
<212> DNA
<213> Glycine max

<223> Clone ID: 700889533H1

<400> 35629

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aaattctgct accgaaaatg caggctcctgg ttcttctgct gacaatgtgg gaacttgtag 180

cacttttagct cccacgcgat ctgtatatgt acctcctcat ctgaggaacc gt 232

<210> 35630
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700889534H1

<400> 35630

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atattattgc tattggcata gaggactctt ccatacaaat ctataatgtt agagtggacg 120

aggtcaaaac caagctaaaa ggtcatcaga agagaattac tgggtcttgcc ttttctcatg 180

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gatgggaaaa gc 252

<210> 35631
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700889535H1

<400> 35631

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 ttgttatgtg ttttaatntt tacttcaatc ttatnttgtc tttcttgtaa acgttcctca 180
 agcctttaga ctttgatgat cctgtaatgt gctctagagt ctagaggcat taaatattag 240
 at 242

<210> 35632
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889536H1

<400> 35632

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 cattgggntt caccatcgag aattgattt 89

<210> 35633
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889537H1

<400> 35633

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 ggcggtgcta ctgtgcgccg cggcgggcgc gtcgtgggtg gaggaggcgg cgaacccgat 120
 acgaatgggt gcgggggtgg aggcggaggt ggttcgggtg atagggcagt gccggcgcgc 180
 gctgaagntt gctaggttca tgagcaggtt cggaagagt taccgaagct aggaagagat 240
 gagggag 247

<210> 35634
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889538H1

<400> 35634

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ggcgacaatt gaggtatctg cgaacgcgcg tatccccgcc gctaagcgaa aattcgacga 120
 cgccgtttct aacggcgctg cgcgcgcgcg cgacgtcgat ctctccctcc tcgaagccat 180
 cgagaagtgc cagaacgcgg tcgaagccct cgatctccga gccctaaaga agcacgtgct 240
 ctcttcgag cg 252

<210> 35635
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889539H1

<400> 35635

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 atctccacaa ctcttaaaaa cctctctcat cgatccaaca agcagcaacc tctactgaatc 180
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 ctctcttaaa ca 252

<210> 35636
 <211> 250
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889540H1

<400> 35636

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 gggccggcat caagccaaca tctatagtga gttacaacca tttgggaaac aatgatggca 180
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 acgatatggt 250

<210> 35637
 <211> 255
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889541H1

<400> 35637

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tggaagtcac ttcagaagag aacctaatca agttattata gttattgggg gtcgttttag 180
aagcatgtga tcatttttcc ttacctttgt aaccttcgag aaatgtcact tgcattctga 240
aaaaaacaca agatt 255

<210> 35638

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700889542H1

<400> 35638

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caccaccaag ttattctcat ccaaacaagg cacaatctcc atgtccctaa cccaaccccc 180
atacgacctc caatccttca aattccaacc catcaaagaa tccatcgtct cacgcgaaat 240
gacgcgccgc ta 252

<210> 35639

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700889543H1

<400> 35639

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tcaccactta tgccaatggc ttctcctgtg gcaatgtttg atgtttctcc tttccagccc 180
tctactgaga tgcgggtaca agctcgatgg tcacatgttc ctaattcaca acttcctctg 240
tcaatg 246

<210> 35640
<211> 248
<212> DNA
<213> Glycine max

<223> Clone ID: 700889544H1

<400> 35640

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tccggatctg acgaaaaacga cgctgtggtc atcggcgggc gtcccggcgg ctacgtggcg 180
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ggcgggtac 248

<210> 35641
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889545H1

<400> 35641

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ggcaccagct cactctcaag ctcgagcagt ttgtggctct cgccgtcttc caggctgggtg 180
atgctttaat acaattatat cacaatttca tcacagactt tgagacgaaa atcaaccttc 240
tcaagctt 248

<210> 35642
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700889547H1

<400> 35642

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attagcttag gtagaagatt ttaaaggagg gaaggatagt cagagaattt gttggtttca 60
 gcaaccagaa gcagcttgga agatgaaacg catttaagaa tccatatgat aatgacaggg 120
 ccggactcac actaccattc atgctaacgc tctaacttcc aaacaaacga aaaacgttac 180
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 ag 242

<210> 35646
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 <212> DNA
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<223> Clone ID: 700889485H1

<400> 35646

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 tcaggttccc atgttcacag catctggcat acgtgtccgt ttctcaagg tgtgggagaa 180
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<210> 35647
 <211> 238
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889487H1

<400> 35647

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 ttaaccataa attggcaata ctgcaaaagg agaatgcagt cttactcgaa aggttggaaa 180
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<210> 35648
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889488H1

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<400> 35648
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gggtcgcagt ccaggaaata agcattggag atctgattcc aatggaggct attttgggtg 180
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<210> 35649
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889489H1

<400> 35649
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ctcagtcagt gccgtgtttg gtacctatga agctattatg tataaagtgc cttgactatt 180
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<210> 35650
<211> 231
<212> DNA
<213> Glycine max

<223> Clone ID: 700889492H1

<400> 35650
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ttgaaaccgc agaagggatg gtgtctaagt cagacaagga aaagatacat agaaaacctt 120
tgaaatatta tttggagggtt gaatcaagag atgtgagtca ggaagactac aacaagggtc 180
tcaatgaatt ggaggagggtc aagaaggaac gcgtaactga agttgaagag c 231

<210> 35651
<211> 233
<212> DNA
<213> Glycine max

<223> Clone ID: 700889493H1

<400> 35651
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 gaggcagggg agccacttgt gattgaagaa gtagaggttg cgccaccaca agctggtgaa 180
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<210> 35652
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889494H1

<400> 35652
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 tgttactgtg cctgatgtga aggaagatca ggttctaadc aaagttgttg atgctgggtct 180
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<210> 35653
 <211> 190
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889495H1

<400> 35653
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 cagggccctt gagatgtggg atctgttctt gagagaagtc attaattgaga aggtggacat 120
 atgggcaatt ggaatgtcct ctttttcgca tatgctactt caaaagtgtt attgatgggg 180
 tatcaaagct 190

<210> 35654
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<223> Clone ID: 700889496H1

<400> 35654

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 ttctcttcaa ttttaggggtt ttatcacaaa ctaaaatcct caatcatggg caccaagggtt 180
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<210> 35655

<211> 262

<212> DNA

<213> Glycine max

<223> Clone ID: 700889501H1

<400> 35655

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 cagccaccag ccatgggtcg tatgcacagc cgcggttaagg gtatatcctc ttctgctttg 120
 ccctacaaaa ggacacctcc tagctggctc aagatctctt cgcaagatgt cgaagaaaat 180
 atctgcaagt ttgcgaagaa aggtttgacc ccgtctcaga ttggtgtcat tctcagagat 240
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<210> 35656

<211> 258

<212> DNA

<213> Glycine max

<223> Clone ID: 700889502H1

<400> 35656

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 aggtacaaca acttttgaag gactactttg atggaaagga gccaaacaag ggtgtcaacc 180
 ctgatgaagc agttgcctat ggtgctgcag tgcaaggaag cattttgagt ggagagggtg 240
 gtgaagaaac caaagata 258

<210> 35657

<211> 255

<212> DNA
 <213> Glycine max

<223> Clone ID: 700889503H1

<400> 35657

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 gatgatggac atgcaaaaag gactgggaat ttgcagagtg ctgtagctca tatcattact 180
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 ggagggccat tttcc 255

<210> 35658
 <211> 254
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889504H1

<400> 35658

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 tccagtttcg aggacaaaaa atatggctag ctgcaatgga ggaattaatg tccaaaggaa 180
 tgcagaaagc cgatcaggca cttctctctg gatgctctgc ggggtggtctg gcatccataa 240
 tacactgtga tgag 254

<210> 35659
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889505H1

<400> 35659

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 gagattgaga aaggaaaggt tgacattaac aacaatgtac ttaagggcgc ccctcatcca 180
 ccatcactgc tcatggctga tgcattggaca aaaccatact ccagggaata tgcagccttc 240

ccagctcctt ggct

254

<210> 35660
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700889506H1

<400> 35660

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actgtgcagg gtgttgccct tcatcaagtt tggttaaatt ggtttctgct tagctctgga 180
tttttctgtg gcattctatt tgacatcatg atttagtttt acaagttttg taaattgttc 240
cattcatgac att 253

<210> 35661
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700889507H1

<400> 35661

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ccgtgaccgc cgctccccg gcaatcgaac aagcctgcgc cgcgacgctc ttcccgacgc 180
aatgcgaagc ctctctctcc caatccaga acctccctcc gaaccgacc cctctccagc 240
tcctccagtc cgc 253

<210> 35662
<211> 252
<212> DNA
<213> Glycine max

<223> Clone ID: 700889509H1

<400> 35662

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 tggaagtcac ttcagaagag aacctaatca agttattata gttattgggg gtcgttttag 180
 aagcatgtga tcatttttcc ttacctttgt aaccttcgag aaatgtcact tgcattctga 240
 aaaaaacaca ag 252

<210> 35663
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889510H1

<400> 35663

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 tttcaatcac tccccacctt tggaattcaa gggtttgagc aaggaggagg aagactcatt 180
 gctagggcaa gtggaaatat ggaggtacat gacatgcttc acggactccg tggccttgaa 240
 agctgtcata ga 252

<210> 35664
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889511H1

<400> 35664

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 aaccagagac cttcgaactc aacaatggaa gcatgcaggt cctcctcacc aatctcggct 120
 gcaccatcat ctcccttatcc gtacctggaa aagatgggtg gttatctgac gttgttcttg 180
 gccttgaatc tgttgaatcc taccagaaag gtcttgctcc ttattttggc tgcattgtgg 240
 gtcgagttg 249

<210> 35665
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889514H1

<400> 35665

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 cttaataatt aatggctgag atgaacaaga aagaagagct gatcttcttt tccatacctg 120
 ggagtggcca cttaccttca tctctcgaat tagcacaact cctaatacaag caccacaacc 180
 atctttcaat cacaatcctc tgcatagaagc tcccttatgc tccttattca gatgcataca 240
 tcagatcagt ta 252

<210> 35666

<211> 255

<212> DNA

<213> Glycine max

<223> Clone ID: 700889516H1

<400> 35666

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 attgtactat tcatccactg attgcaatta gaaacgtcct cttcacactc tcaattcaaa 120
 ttcaaggttt cgcattctca ccgctcactt cgttttcctt ttcttttctt tttttcccgc 180
 tttagtgtta ttgggtgctc tgagagagtt ttcgattctt gatcaacaat ttcgcgcatt 240
 cagctgaaat aactt 255

<210> 35667

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700889517H1

<400> 35667

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 agtctttaag agtatatgtc cacttgtgaa atcacatctt gtgttggatt tccttagtca 120
 gtgtttccag taactggtaa tgtgaatatt gcgcacctaa gaggcgttgt cacttctatc 180
 agtatactta taataaaatt gggacaacaa tttatgtggt aaaaagaatt tggt 234

002220-032200

<210> 35668
<211> 253
<212> DNA
<213> Glycine max

<223> Clone ID: 700889519H1

<400> 35668

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atcaaaagcc tgtcttattt tcttgggtct gacacaagat ttttggtgaa tgggattctg 120
gcacttaatt tttttgaaaa ccaactgcaga agaattgaaa gaacactcat ttgagaggaa 180
ctataatagc ctcattatct ctatccttta gtactacact accatgaggt gtctccagta 240
cttgtaattg gtt 253

<210> 35669
<211> 236
<212> DNA
<213> Glycine max

<223> Clone ID: 700889480H1

<400> 35669

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tccctggatt accatttcac agtagagcaa gatgttggat cagccactca cgctttcttc 120
ggtttcaacg gaactgctgg catttggaga atagctgcta tcaatgaagc tggaggggtg 180
aaagacagaa caacagtggg agatatggac cttgctgttc gtgctagtct tagggg 236

<210> 35670
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700889440H1

<400> 35670

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atccaatctt tggccttcct catcatggca tttggatatg ttggcaccat tgttcccaac 180
tcctaagaag gattcggcac ttcattcggc tatttcagct tctgtgcctt catgtcaacg 240

tgtattg

247

<210> 35671
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700889442H1

<400> 35671

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tcattccacc cagttgagac catcctcagt taactgacca aggccctct ggtaagtata 120
atgtatctga ttcataattg ttcagtgaat tttttcatcc cccctttgat taattttctc 180
aaattgtgtg aacaacaatt attaaattac aggttccacc gagtacgcca gtgggtaatg 240
c 241

<210> 35672
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700889444H1

<400> 35672

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actcagctcc accatgaccg agggctaaat cgtctcctgg atcaagtccg atggcgacat 180
gctctccaag ggctacagcg ttgtcgctgt cgaatccgac aaggccgaca tggacgtc 238

<210> 35673
<211> 239
<212> DNA
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<223> Clone ID: 700889445H1

<400> 35673

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ccatgactat gtgggtttctg ttggtctctc tttccttcat ttatgctgtt gccactgcta 120

atactcaaat cagaattact aacaaccctg cggacaagtt ggtagctgca atcaacgaaa 180

acagaactgc tcacaaggta tcagccttaa cgcacaaccc ggggcttgcg tgtattgct 239

<210> 35674

<211> 236

<212> DNA

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<223> Clone ID: 700889446H1

<400> 35674

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cttatcaaaa aagaggggtcc aaaagtcaat gcgaagttcg agctgaagcc gccaccatat 120

ccactgaatg gtttgagacc ggtgatgagc cagcagacac ttgagtttca ttgggggaaa 180

caccacaaga catatgtgga aaatctgaaa aaacaaattg ttgggacaga gcttga 236

<210> 35675

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700889447H1

<400> 35675

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agatgcagaa gctcttagac aagctttcca agaatgggga ctgatgagaa gaccgttata 120

gcaatattgg gtcacagaaa tgttcacagc aggcaacaaa tcagaaagat ttatgaggaa 180

atttaccaag aggacctcat caaacgccta gagtctgagc tctctggtga ctttgagaga 240

<210> 35676

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700889448H1

<400> 35676

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ctttgcaaga gcattaatcc cgatgaggct gttgcatatg gtgcggctgt tcaggctgca 120

atcttaagtg gtgagggcaa tgagaagggt caggatcttc tcctcctgga tgtcaccct 180

ctgtctcttg gtttggagac tgccggtggt gtgatgactg tcctgatccc taggaac 237

<210> 35677

<211> 124

<212> DNA

<213> Glycine max

<223> Clone ID: 700889449H1

<400> 35677

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cattgggtcta ttacaacaac atggatgatg aattaggaaa tttaattatg atcttatttt 120

cttc 124

<210> 35678

<211> 156

<212> DNA

<213> Glycine max

<223> Clone ID: 700889450H1

<400> 35678

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tgatttttat atataacata atggccagta tatataaaaa tcatatgcat gccgtttata 120

taaataaagc tatgttgaat aatatatcta ttttgt 156

<210> 35679

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700889451H1

<400> 35679

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gaggaaagtg aggaaggcgg tggaggggat gaaaggcgtg aaccaggtgg atgtggagcg 120

taaggccaac aaagtcactg tggtcggcta cgtcgaggcc tctaaggtgg tcgccccgat 180

cgctcaccgc accggcaaga tagcagagct ctggccctac gtcccctacg acgtcgttgc 240

tcac 244

<210> 35680
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889452H1

<400> 35680

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 ggtgaatgag caaaatagac aaatcacaga actgagaaat gctttaaatg ctcataatgg 180
 tgacgtagag ctcaggattt tagtagatgg tatgatgagc cactatgccg aaatgtttcg 240
 cat 243

<210> 35681
 <211> 245
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889454H1

<400> 35681

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 gcaacacttc agaagtggaa caaaattttt gtaatcacia gtgtgatggc aatctctgtg 180
 gaccctcttt tcttttacat cccaatgatt gatgacaaga tacaatgcct tgcttttagat 240
 ggaac 245

<210> 35682
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889456H1

<400> 35682

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cccatgttaa accttttcta gttttctctt ggcttataca cacgcaaaca cagcacacaa 120
 cacatgtcac atgttggttg ctttaatacgc agagggagtg tgagacgttt gaaagatcag 180
 aatcggacag gctagcttag ctccatgtct gactcactcc taactttcca ttctctttca 240
 accattc 247

<210> 35683
 <211> 231
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889458H1

<400> 35683

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 gggcactcag agaagcaaac ccagttgtac catcggttgcg atctttctag cattttgttg 120
 ttttgtttct ttttcgaaag caaagcttga gagtctccaa catgcgcca aagctgatgg 180
 gtctctaagc ttcttggtgg ttggagactg gggtagaaaa ggtgcttata a 231

<210> 35684
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889462H1

<400> 35684

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 gagcgcaatg tgatacatgg agactttgtc cttatcagtg gagatactgt aagcaatatg 120
 tcgcttactc aggcacttct agagcataaa gagaggaaga agaaagatag taatgctgta 180
 atgactatgg tcattaaacg gtcaaaacct aatccagcta tccatcagtc tcgac 235

<210> 35685
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889463H1

<400> 35685

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 gcttttgaat ttctgtacctc tctcttttgt ttacctacc agatattgca aatacagcaa 180
 gatcatcatg agtgggattt cggaaaagaa actcatcaga atcgatgcta gtgctgat 238

<210> 35686
 <211> 241
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889464H1

<400> 35686

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 tggccactgc aaggactgtg aaggatgttt cacctcatga gttcgttaag gcgtactcct 120
 ctcacctcaa gtgatccggc aagatggagc tgccagagtg gactgatatt gtgaaaactg 180
 caagatttaa ggagttggct ccttatgatc ctgactggta ctatgtcaga gctgcttcca 240
 t 241

<210> 35687
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889465H1

<400> 35687

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 tcacaccctc aaaccctcac tcacaagacc cacacccttc ttacctctca aatcgaagaa 120
 gaacctcaa aacggcgccg ttgggactcg catgtcgaac accgcaactc caccaccgac 180
 ggagcggcta atctcaatcg catctaacgc catcccatct tcaactccct ccagtacggc 240
 cgctac 246

<210> 35688
 <211> 242
 <212> DNA
 <213> Glycine max

<210> 35694
 <211> 237
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889476H1

<400> 35694

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 gttaggggttt tttccgatct caatggcgga ggaaccggag agcaccgtca ccaccggcgc 120
 ccccgacgaa tcgctgctcg ataagatcac cgagaagctt cacggccacg attcttctctc 180
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<210> 35695
 <211> 235
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889477H1

<400> 35695

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 gtgggaatat gtcattgaga agcatagtcc gtgaactcaa ggagatgaga gatggaatag 180
 gaagcacatc aaagcgggggt gcagaaagca agcatcggct cagtcggaca aagtc 235

<210> 35696
 <211> 246
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889439H1

<400> 35696

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 ggaaacagct atggtgttat agtagagact gagaagagct acatcgagac tgttgacatg 180
 gatgttccag cagctgagca tgatgggaag tgcaagtgtg gcactaactg cacttgacacg 240
 gactgc 246

<210> 35697
 <211> 233
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889478H1

<400> 35697

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 attttttaat taaacgttaa agttattdtta tatatgatcc aaatatcaa agggaaatagc 180
 aaaccctaga acttdttatgt aagcacaat ctatcatacc ttatgctgaa att 233

<210> 35698
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889402H1

<400> 35698

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 caaaattcag tgggtattdt tcatcttctt ctgcccccat cacctagatc tgtctgtcta 180
 tacactcatt gtttgacaaa aaagaaaata acactgggaa gtttagtcat agctgaaagc 240
 tgactctagc tag 253

<210> 35699
 <211> 251
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889403H1

<400> 35699

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 attttacagg aagcacaagc agtggcctct tgttcctatg agatagacac aaattggggg 180

aatgaggtag gattctcata tggtatatta ctggagagta cagttactgg ctatcttctt 240
 cactgtagag g 251

<210> 35700
 <211> 252
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889404H1

<400> 35700

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 tcgcccgtgt cgctgtccgc attggcctcc accgctttgt ccgccacagc gccctctccc 120
 ttgtcgacaa ggtcgagcgc ttcgtcgacg ccgtcaagct cgagattaac cccgttgctc 180
 acggcggatc cgtcaaggcg cccaaggctc tcgccgacgt cgtcgagtcc gtcgccgccg 240
 cgatttacgt gg 252

<210> 35701
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889405H1

<400> 35701

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 cccaaatgca cctatgttca tacctgctgc acttcgtcag gtggaggatt ttccacctca 180
 atacagcgat cttgtgaaat cttcaacatg gtttcgtgat tattggttga gccaacataa 240
 ggaggaag 248

<210> 35702
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889406H1

<400> 35702

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 gcaacgctcc tggcgctcgac gccgctgttg tcagagtcac ggcggtgtg caccaccgtg 180
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 gtcgctttcc ccg 253

<210> 35703
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 <213> Glycine max

<223> Clone ID: 700889407H1

<400> 35703

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 attttgtaaa caactacttc ttggtgccca attcagcaag gtcccgccag taccactac 180
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 ttggagctc 249

<210> 35704
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<223> Clone ID: 700889408H1

<400> 35704

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 aaggaaacgc agcggttctg cagtgcgcca gcacctggaa ttagtgcgct cccttcggaa 180
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<210> 35705
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<212> DNA
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 <223> Clone ID: 700889409H1
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 atccgactct tcttttgcac cctctcttga ctccgacaaa accgcctctg ctgggtccct 180
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 atccgca 247

<210> 35706
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889410H1
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 gcatttcaat ccacatcggc caggccggga ttcaggttgg aaacgcctgc tgggagcttt 180
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 <213> Glycine max
 <223> Clone ID: 700889411H1
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 attttgatga ctccaggagct gttgtgtttg tgcttttgta ctcttgattt ggtagatact 180
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<210> 35708
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889413H1

<400> 35708

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 ttcgtttgag aaacatcacg agaggaaaga tagtttgagt gccaaaaaca caaaattaaa 180
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 ac 242

<210> 35709
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889414H1

<400> 35709

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 agatggttct gtccaaaatg caatgccttc gtatTTTTat tctccaccac tagatgtttc 180
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 tc 242

<210> 35710
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<223> Clone ID: 700889416H1

<400> 35710

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aacaagaaga agaaggagcc atgtgtgcag cagcgatgtc aacatcacia cggtggtgaa 180
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 ccacc 245

<210> 35711
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 <213> Glycine max
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 atgtcgaaga aaatttgagg aacaagagtg aactgcttct caaatccaac ccagttcaca 180
 agaaggttcc agtgtttatt cacaatgaga agcccatagc agagtctctt gtgattgttg 240
 aataca 246

<210> 35712
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 <213> Glycine max
 <223> Clone ID: 700889418H1
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 gctctttcta accaggttct ctaagtcaac tttcagtttt tgattgttga ggatgggtgct 180
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 caaatcc 247

<210> 35713
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<400> 35713

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 atcgacatgc tggggccttga gacctgccct ggtgtgaagc gcatcaacat caagcctcaa 180
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 ttgatga 247

<210> 35714

<211> 250

<212> DNA

<213> Glycine max

<223> Clone ID: 700889421H1

<400> 35714

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 gtttgccaa aactcccat tccactgca ctgcgagagc ttctaaagcc tctccctaca 180
 ggtgttgaaa tcgatgaact ccctaagcaa attgatgata cacagtaccc aaaaacattc 240
 ttctataaag 250

<210> 35715

<211> 246

<212> DNA

<213> Glycine max

<223> Clone ID: 700889422H1

<400> 35715

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 aggcatgtgg agtaaaatgg tgaaggatgg gcaattttac caggagaatt tcaattctgg 180
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 ggttga 246

<210> 35716
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 <212> DNA
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<223> Clone ID: 700889423H1

<400> 35716

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 gctctacgcc gacgtgactc cgagcaccgc cgagaacttc cgcgcgctct gcaccggcga 180
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 gatcccg 247

<210> 35717
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<223> Clone ID: 700889429H1

<400> 35717

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 caatagattg tagatctttg ggcaacatac caagtgagtt cccagtttac acatccaggc 180
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 t 241

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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889433H1

<400> 35718

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<210> 35719
 <211> 247
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<223> Clone ID: 700889434H1

<400> 35719

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 tgggtctctt gacagatcca tgcacatatg gtcatgtagg gacggcaaga ttgtcataac 180
 atacacaggc aatgggggca tttttgaggt ctgctggaat aaggaggggtg acaagattgc 240
 tgcattgt 247

<210> 35720
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889436H1

<400> 35720

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 agttcgtagt tgctatgatg aggggaaacg ggtggccgag acattgatgt ttgattacca 180
 taggcagcat gggattgaaa tacgcattgc aagaatcttt aacacatatg gaccacgcat 240
 gaatattg 248

<210> 35721
 <211> 248
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889437H1

<400> 35721

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ttctgttctt cttttctcgc ataataaagt aatcaataag cacataaacc ttcgaggaca 180
 tggcatcagc cttgtccacg accagtgtgc tttgctggag gaatcctcag cacatgcata 240
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<210> 35722
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 <213> Glycine max
 <223> Clone ID: 700889438H1
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 tattgttgtt tatgatgtca ctgaccaaga gagctttaat aatgttaagc agtggctgaa 180
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 tctcacgg 248

<210> 35723
 <211> 256
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889401H1
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 ttgtagatag gatgccagtt ttggatgagg caacttccca ttggtaggag ggctgggtct 180
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 aaacctgtgg ctctctc 256

<210> 35724
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889368H1

<400> 35724

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gtgcggcaac ggctgcggag gctgcaagat gtaccagac ttgagctaca ctgagtcaac 180

caccaccgag accttgggtca tgggagtggc acctgttaag gctcaatttg agg 233

<210> 35725

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700889369H1

<400> 35725

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agtaactaga agatgggtag atagttctgt tagctctgag gtagtttcag cttttttat 180

atctatggca gtggatgcct gtttatttgt cattgacatt gtcaaagaaa tatt 234

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<223> Clone ID: 700889370H1

<400> 35726

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accatcacc ttgaggtgga aagctctgac accatcgaca acgtcaaggc caagatccag 120

gacaaggaag gaatcccccc ggaccagcaa cgtctcattt tcgccggaaa gcaacttgag 180

gacggccgta cccttgctga ctacaacatt cagaaggaga gtactcttca cctcgtc 237

<210> 35727

<211> 234

<212> DNA

<213> Glycine max

<223> Clone ID: 700889371H1

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 tgctttggtg agggaatcca cactctctga cccctccaag gcacaactca tccacaattt 180
 tgaggctttg ggcgttaatt tgggtccggg ggatctgtac gatcatgaga agtt 234

<210> 35728
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 <213> Glycine max
 <223> Clone ID: 700889372H1

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 aatgctctgc acgtctcttg ctgccaatgc ccatttcgag tgcgaaaatg ttgccttgtg 180
 ataggaatca acgtaagtac ttgtatgtgg attttgggtg tattgatttt caatatccgc 240
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<210> 35729
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 <213> Glycine max
 <223> Clone ID: 700889373H1

<400> 35729
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 tttctcattc accaatccat acttcatttt gttaatttct taatccaaca ccaccaagat 180
 gccaaactgac acatcatcag tttccggcgg cgaaatcgtg tgtgtgaccg gtgccggcgg 240

<210> 35730
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<223> Clone ID: 700889374H1

<400> 35730

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<210> 35731

<211> 192

<212> DNA

<213> Glycine max

<223> Clone ID: 700889376H1

<400> 35731

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 atgtcaagtg agtgggtgtg ggttgtgaag aatctattgc ttttaatgaa tcagatcctt 120
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 aaccgggaaa tt 192

<210> 35732

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700889377H1

<400> 35732

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<210> 35733
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<223> Clone ID: 700889378H1

<400> 35733

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<210> 35734
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<223> Clone ID: 700889379H1

<400> 35734

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<210> 35735
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 <212> DNA
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<223> Clone ID: 700889380H1

<400> 35735

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 taccaaactc tggcctaaaa cccgtaacca ttactcgac agtcacaaat gttggaccac 180
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252

<400> 35736

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14419

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<210> 35739
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889384H1

<400> 35739

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<210> 35740
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<223> Clone ID: 700889385H1

<400> 35740

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 aggtaagcaa gacccaggaa acaaccccag tcttgaggc tcctgcaaca gaacaaccag 180
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<210> 35741
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889386H1

<400> 35741

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 agttgggctt tctactgcca cggaagtcg atggaggagc tgaagcagtc tctgatgtac 180

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<210> 35742
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889387H1

<400> 35742

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<210> 35743
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700889388H1

<400> 35743

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tatagatcag gtcactgctc aagcctgggt gttaaaaagt aaagagctgg aggcgaaggt 180
cactaaaatg agcattcaaa ataaagtccc gtcagagtat acctgcatga acattgttc 239

<210> 35744
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889389H1

<400> 35744

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gggtgtgctgg agcagtgaac agggtttttg gaaaaatgga aggtgttgag tcatttgaca 180

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<210> 35745
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700889390H1

<400> 35745

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aaaagctagg agcaaagcc atattggcag tgtctcttgc agtctgcaaa gctgggtgcta 180

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<210> 35746
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<212> DNA
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<223> Clone ID: 700889391H1

<400> 35746

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tgtcggaaaa gggccggcca cttccaaaat ttgggtgaatg ggatgtcaat gatccaacct 180

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ac 242

<210> 35747
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<223> Clone ID: 700889393H1

<400> 35747

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 accaccacga cttcctcgcc gccggccgga ttccgctggt cggatccgac gagttcttct 240
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<210> 35748
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<223> Clone ID: 700889394H1

<400> 35748

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 acttgttcaa agggcatcaa cataatgacc acagctcaa ttatgccacc caaaccaaag 180
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<210> 35749
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889367H1

<400> 35749

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 gccattgctt gtgttatgga aaatgttcct ttcacatgga gaagccctca gaacaccttt 180
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<223> Clone ID: 700889395H1

00220"ETFE550

<400> 35750
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agtttccttt gagcaaagct gaagatgctt gggctaagag cattgatggc catgctaccg 180
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acatatctgg 250

<210> 35751
<211> 234
<212> DNA
<213> Glycine max

<223> Clone ID: 700889337H1

<400> 35751
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attgagatgt cggaagatg acctgcactt ggtagagcat gtgctggatt catctgcaca 180
ggagtatgct gagagagcaa atgttgatcc cccagagatc attgttgaca acca 234

<210> 35752
<211> 237
<212> DNA
<213> Glycine max

<223> Clone ID: 700889338H1

<400> 35752
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ctgaggactt tgagcctcct cttatccctt ccaagacaat ccctgacatc gatgataaga 180
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<210> 35753
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<212> DNA
<213> Glycine max

002220"ETTC560

<212> DNA
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<223> Clone ID: 700889342H1

<400> 35756

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cccaacagca cttatcggtc tcatgcaaca agggaaaatg aggcctatct tctgtggaaa 120
ttttgaatat gatgcccggc agtcagagct ggagcggctt tttagacgat atgggaaggt 180
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t 241

<210> 35757
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700889343H1

<400> 35757

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ttgactctag tccgactttg tgaaatgact tgagaggtgt aggataagtg ggagctggaa 180
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c 241

<210> 35758
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700889345H1

<400> 35758

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taccttcctt ggggtgcaaa tgtgatgctg tgccctggctg tttgaatcag atctctactt 180
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245

<210> 35759

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700889348H1

<400> 35759

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gtccctacta tctaatacta cgggccatcg ctgtagccat ggggtctatc agagttgcga 120

gggttatgac ccaaactctg aactcgatgt tcaagtttct tcagagtaaa gagcgcatgc 180

agattcggat ttctaagcac acggatttga ggagtgcgg cgtagcgcgc gatgctgacg 240

aatacatgaa cg 252

<210> 35760

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<212> DNA

<213> Glycine max

<223> Clone ID: 700889349H1

<400> 35760

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atctacacgc cgatggtggt tttggccggg tctttcatag atctggtgcg tagaggctca 180

gatctacggt atcgcggtac aacagagaat cgatgcaaat aacgcagatc cgacgg 236

<210> 35761

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700889350H1

<400> 35761

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tgtcagtagc acaaccatca cttcttcgat atcaggtggc aacaacactg cctcaaggag 120

ccagactttc cgccctaatt ctcaattcat gggcttgac caccgaagac caatgcctgc 180
 catgggagcc acccatagct tcataaatag gatgtacccc aacaaattct atggc 235

<210> 35762
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889351H1

<400> 35762

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 actagtgtgt tcgagagtga agctgagcct tcaaattgtg tagttgagag ggatactaaa 180
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<210> 35763
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889352H1

<400> 35763

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 atttcgccc aggaacctcc gatcgactac gccggcttca tcgccgtcat atgtggcgtc 180
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<223> Clone ID: 700889353H1

<400> 35764

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agatgcatca gtgaaggcag atgctcccc tggttaattat gacgagtcag atagatctcc 180
aacctctgggt aacacaaact ctgagattac gcaagtgggtg tttgagaagg agaaa 235

<210> 35765
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889354H1

<400> 35765

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ggtgaggtac tggaggtggg atcaaactgt agcaggttca gagggtggaga gttgggtggga 180
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<210> 35766
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889355H1

<400> 35766

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gttgtagtct attcagatgg catttctcat gattcgggtc atgaagctgg aagtggatcat 180
cacaatatta cagagtcgta tgaacaaatc aatgagacta ctgaacatca tagttcag 238

<210> 35767
<211> 236
<212> DNA
<213> Glycine max

<223> Clone ID: 700889357H1

<400> 35767

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cgcccagcaa agaacccttt ttgctgaag ggtcgtgtct actgtgaccc ttgccgtgct 180
ggttttgaga cctcagctac cacctacatt gctgggtgctg agattatggt gcaatg 236

<210> 35768
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700889358H1

<400> 35768

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caccaacaca ctgagaatcc acccttaaacc tcaaggcttg acatggcttt tcttgggcta 180
caagcatgga agcaagtgat ctactcagac ccaaataact tcacttccaa ctgggtaggt 240

<210> 35769
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700889359H1

<400> 35769

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caccttctga agccaacgcg tgggaagcag acgcgggtag actcggagag tcaccccgag 180
ttcaaccgag tcccggattt atgcaacttc atgaacaaag tctcgacggg gcttaaaccg 240
a 241

<210> 35770
<211> 247
<212> DNA
<213> Glycine max

<223> Clone ID: 700889360H1

<400> 35770

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<223> Clone ID: 700889363H1

<400> 35773

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<210> 35774

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700889364H1

<400> 35774

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<210> 35775

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700889365H1

<400> 35775

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gatggaagct ggccgtcctg ttgctctgga tctagacttg atccaaaaga gatataca 180
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<210> 35776
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<223> Clone ID: 700889366H1

<400> 35776

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 ctctagaagg agagagtccc ctgaagaatt cacttacaaa gatgttgaat tgccaaagtc 180
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<223> Clone ID: 700889336H1

<400> 35777

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 acagcaattg acacgttcta cctcacagat gagcagctag caaactcacc ttctagaaaa 180
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<210> 35778
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<223> Clone ID: 700889304H1

<400> 35778

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 ccgaaaccga gccggttctt tacatagatc tggattatgc tgccgtggat cctaaggcgg 180
 agagaaaagc tccgccaccg ccgacgggtc gttcccgtgc agagcaacgt cg 232

<210> 35779
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<223> Clone ID: 700889305H1

<400> 35779

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 ttccaccagtcggtgactgtgtccctagtcgacatttgaa tttggtgagg agcttttaga 180
 gcacatagactgttgatcatgaagagtaaa ttgaggacctcttcagagga aatgga 236

<210> 35780
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 <212> DNA
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<223> Clone ID: 700889306H1

<400> 35780

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 gatgggagtg gatttgagac aagtgggtggc aggtgtcctc accctcaciaa tgtttgtcat 180
 gcttggaat atgatcaaaa gagaccacttcgataattca cttcaagaaa agcgtcca 238

<210> 35781
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889309H1

<400> 35781

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 agc 243

<210> 35782
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 <212> DNA
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<223> Clone ID: 700889310H1

<400> 35782

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 accctaacct cacactctca cacaccacca ccaacatcat atattacatc gattctcaat 180
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<210> 35783
 <211> 244
 <212> DNA
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<223> Clone ID: 700889311H1

<400> 35783

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<210> 35784
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889313H1

<400> 35784

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<210> 35785
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<213> Glycine max'

<223> Clone ID: 700889314H1

<400> 35785

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aactgtgg 248

<210> 35786
<211> 251
<212> DNA
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<223> Clone ID: 700889315H1

<400> 35786

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gaaagtgatg atgagaagag gttgaatgcc acttatataa tcagcgttgc acggaagctc 240
ggttgttcta t 251

<210> 35787
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889316H1

<400> 35787

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<210> 35788
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889317H1
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 caa 243

<210> 35789
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 <213> Glycine max
 <223> Clone ID: 700889318H1
 <400> 35789

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 t 241

<210> 35790
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<212> DNA
 <213> Glycine max

 <223> Clone ID: 700889319H1

 <400> 35790

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 gaaaggcttg ataaagagag gcaggctgac ttcttaaaca tgttgaaagg attttagt 180
 aatcaggtgg ggtatgctga gaaaatagca aacgtctgga caaaagttgt tgaag 235

 <210> 35791
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 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700889320H1

 <400> 35791

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 ggaatgctgt gggaagtga ggggaagtgg gttgttaaag gagcagttga ttagacatt 180
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 <210> 35792
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 <212> DNA
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 <223> Clone ID: 700889321H1

 <400> 35792

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 cttttggtga aatgtttcat gtgcctgcaa agcgatattt ttgagaaata tgtaagaat 180
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 <210> 35793
 <211> 238

<212> DNA
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<223> Clone ID: 700889322H1

<400> 35793

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tatgactggt caggctatct tgttattgct gagatgggcc agaaagtggg tctcaagctt 180
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<210> 35794
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<212> DNA
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<223> Clone ID: 700889323H1

<400> 35794

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agagaagcga tggggttggtg ggaatctttt ctcaattggc ttcgcagcct ctttttcaag 180
caggaaatgg aattatccca acttggactt caaatgctg ggaagacttc acttgta 237

<210> 35795
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700889324H1

<400> 35795

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acgagctcct ttcgtggtgt ttgaggaggg ctttcataga acgccttccg ccgtcttcat 180
ccacactcat cacgttgga accaccgagg cgttcggccg tgaagcccag gacgtgaag 239

<210> 35796
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<212> DNA
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<223> Clone ID: 700889325H1

<400> 35796

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 gaagagtctc acactttaaa gcaacaccaa tgccttcatt ttactgcaca cttcaccgt 180
 cacaaccaca tgggaataag tttcaacctc aggctgtgtc aaataacacc agaagtaag 239

<210> 35797
 <211> 243
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889326H1

<400> 35797

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 aaccggtgat actatcgacg atggagagac tcggactggg ttcaccacac ctgccatgga 120
 agtcaccaca ttcaatcgaa ccactttcac cgatgctgct gactttcccg tttgggaaaa 180
 gattggtgct gtcgtcagac tcagttatgg cctcgggatt tatggtgcca tggcagttgc 240
 ggg 243

<210> 35798
 <211> 244
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 <213> Glycine max

<223> Clone ID: 700889327H1

<400> 35798

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 ggtggagagt gctggtgaat gtgggaaatc taccaccca gataatgagg cttataagct 180
 tgcaccatgt gcctcagcag cacgagatga gaatgctagt gtttctcaga gttgctgtgc 240
 tcag 244

<210> 35799
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889328H1

<400> 35799

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 cttggtggaa tctacagtgt tcttaaccag aagcgtggac acgtgttcga ggaaatgcag 120
 aggccaggta cccactata caacatcaag gcatacctcc ctgtcatcga gtccttttgg 180
 ttctcgagca cattgagggc tgcaacatca ggccaggcct tcccacaatg tgtgtttgat 240
 cactggg 247

<210> 35800
 <211> 253
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889331H1

<400> 35800

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 aacaccttct cttctcactt tcacttctcc taatggttct cttcacttca gctcaaacca 120
 cccagcacc atcaccttcc tcagcccca cagacatcat cagaatcctc aaaaaagccg 180
 gaggattcac cacccttata cgtctctca ccacaacaca agtctcaacc caaatcaacg 240
 cccagctttt gaa 253

<210> 35801
 <211> 202
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889333H1

<400> 35801

tatatatccc tatatgtata ggactgcctc tttaatgaag acagggaatg ttcaagggtgc 60
 actggctgaa atcaaccgga ttcttggtt taaactttcg ttagagtgtc tggaattacg 120

gttttgtatc tatctggccc ttgaggacta caaagcagca gtccgagatg ttcaagcaat 180
tcttaccctg tgtccatctt at 202

<210> 35802
<211> 236
<212> DNA
<213> Glycine max

<223> Clone ID: 700889334H1

<400> 35802

ggaaaagaaa acacaacaca cacacaaagg ataaaacaga aaaaccatgt cttctccaag 60
caagcggcga gagatggact tgatgaaact gatgatgagt gactacaagg tggagatgat 120
taatgatgga atgcaagagt tttatgtgca tttccatgga cccaatgaga gtccttatca 180
tggaggtgtg tggaaagtga gggttgagct gccagatgct tatecttata aatctc 236

<210> 35803
<211> 236
<212> DNA
<213> Glycine max

<223> Clone ID: 700889335H1

<400> 35803

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gcaaagcagt ttgtgtcttc agtgcaagat gtagctcgca gacttgctga ttatgcaaat 120
ttcaggagaa acaaaagttt agctgttggt actgctgata aggagttgcc agttgccact 180
gaagctcctc tgccctccaa agctgcacag gagaattcag gtgtcacgaa agttga 236

<210> 35804
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700889302H1

<400> 35804

ctttgattga ttgtattaca gtgtcatttt ccttcataac cgatttctat tttatgattg 60
tgcgcaacag ttcgcagact cacaatggcc gcaatatcca actccttata actgaagcac 120

agttttctctc tgagtcgagc tcttccttct tcctcttcca tcaaattcaa attcagaaga 180

tgttacgccg cgttcgccaa tgagaatcgc gagtacgtga tcgttggcgg cggacatgc 239

<210> 35805
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700889267H1

<400> 35805

gtgccatgaa gccctgataa ttgccagagc gacgagaaac tatttgcagc aattagcata 60

tggtgaaga agcatctgac tgaagtgtga agtttgagtg tatatatatt gtgccatgcc 120

gatcaatata catccaagaa atgggttttt gaagcctgct gaggacatgg gatttggttt 180

ggagttcaga aagagcagca caaacagca tagcagttca aagacagtga aagacagtt 239

<210> 35806
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700889268H1

<400> 35806

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aaacagttgg cgaagaagat gaggcagaac aggcccatcc cctactggat ccgcatgagg 120

accgacaaca ccatcaggta caacgcgaag cccgtcactg gcgtcgcacc aagcttggat 180

tctgaggtgc ttgctttgcc tcgattcagt ttatccaatt aattagtgtt ttattttctt 240

g 241

<210> 35807
<211> 238
<212> DNA
<213> Glycine max

<223> Clone ID: 700889269H1

<400> 35807

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tatattacca gatcggactc aattcctgaa ccgatgaagt tgaagccgca gtgaacccaaa 120
 ccatcatcat cgcgttaccg gaataatcga cccatcatca attagatcgt catgaaggat 180
 gaggacgggc ttccgacgac gaccgcggtt acaaagaagg aaaacttgga ttcgagtc 238

<210> 35808
 <211> 237
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889270H1
 <400> 35808

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 ctgatgacct agaggctttt gctgagctta aggtgaagga actcaagaac ggacgattgg 120
 ccatgttctc tatgtgtggc ttctttgttc aggccattgt caccggaaag ggtccattgg 180
 agaacctcgc cgatcacctt gctgaccctg tcaacaacaa cgctggggcc tatgcca 237

<210> 35809
 <211> 234
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889271H1
 <400> 35809

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 tttttgatct gcgaaaatga gagagtgcac ctcgatccac attgggtcagg ctggtatcca 120
 ggtcggaaat gcttgctggg agctctactg cctcgagcac ggcatcgggc ccgatgggca 180
 aatgccaagt gacaagacag ttggcgggtg tgatgatgct ttcaatactt tctt 234

<210> 35810
 <211> 238
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889272H1
 <400> 35810

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ttgagccagc atttaggaag taccctcttg aggaagcaat gtcaaaggat ttattagaga 120
 agagcacaga acctgacttg aacatagagg cttatttggc tgatgcttac ttgcacccaa 180
 tcttcaggtc atttgaggta gacgacgaat tggttgaagt cagagtagat aatcacca 238

<210> 35811
 <211> 237
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889273H1
 <400> 35811

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 tgtcgggtggg ctcgcttggg ccactgacga ccaagctctc gagagagcct tctctcagta 120
 cggcgaaatc gttgaaacga aggtctgttt gttgcaggca tcacatctga tctcacacga 180
 ttcggattcg gaattttctc gatccctttc tgatctgtga tctctgatct gtttgcg 237

<210> 35812
 <211> 236
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889274H1
 <400> 35812

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 ttggttgaag aacatggaag cattgacctt gaatggctta gagacgttcc acctgacaaa 120
 gcaaacgaat acttgctcag cataagagga ttgggactaa aaagtgtgga atgtgtgcgg 180
 cttttaacac tgcaccatct tgccttcccg gtagaccaa atgtcggacg tatagc 236

<210> 35813
 <211> 238
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889275H1
 <400> 35813

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acagtgttgg tctcaggaaa cagccattga ggggtgtacag catagtgaaa tccgcagcaa 120
tagctcgtcg ggacgctgag gttctcatga agtttgcaag ggccggttac caggagatac 180
tatgggatca tgctgcaggc gtgatcatca taaa 215

<210> 35817
<211> 245
<212> DNA
<213> Glycine max

<223> Clone ID: 700889280H1

<400> 35817

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ttttgtcttt tgtgggatac gaacgttgac taccacgccc gatttgaggt gctggagaag 120
aagggataaa gtgtatggta tgggggctgt gtgaccgagg gcacgaaagg aggaaactat 180
tggtacaga aagtcgtttc tttagccggg tttctatcaa aaaatgggtgc agagtctctg 240
tttga 245

<210> 35818
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700889281H1

<400> 35818

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ttaagaaaga atagacttgt atcatagctt ggggtgtgtgc catagtttagc tagagtgaaa 120
ttctttttga ataattagca cagagggagg gttttgatta tatgattttc tatgtacaag 180
gtaaattgat aatgagctct gattcaaacc acttagtttc atttgcccct agttgagact 240
actt 244

<210> 35819
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700889282H1

<400> 35819

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gctgcttctt cttctgaatc aaatcattca tcaactctctg gttctgattt ttctgacacc 120
aaaatggtga atcctcgaat tccacgttca aggatcccaa ctttcacact tttcacttct 180
gctatctcca tcgttctgtg cattttcttc gttctctctt tactcttcac tgcccattct 240
ta 242

<210> 35820

<211> 236

<212> DNA

<213> Glycine max

<223> Clone ID: 700889285H1

<400> 35820

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cttataccct tagagataag gtttttgcatt gatcctgcta aagatacagg ttttgtcggc 120
agtgcattga caagtaacat gatacgattt tttaagacct aagatgaatc atggagccat 180
gagggttgcca tatcagtga accattgaaa gtgcaaaact ggattcttcc tgaaat 236

<210> 35821

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700889286H1

<400> 35821

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agatggtgca aaagtggctc atttctgctc aatacgtggc cctaaattct gctctatgaa 120
gataacggag gatgtgagga agtatgctga ggaacatggc tatggaactg atgaagcttt 180
gcagcgtggg atggatgcta tgagtgctga atttcaagct gccaaagaaa ctatcag 237

<210> 35822

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700889287H1

<400> 35822

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aatggcgagc gctccactc cacgcgaaga gttcgtgtac atggcgaact ggcggagagc 120
ccgagcgcta cgaggagatg gtggagttca tggagaaggt ctccgctcc gccgagagcg 180
aggagctgac cgtggaggag cgtaacctcc tctccgtcgc ctacaagaac gtgat 235

<210> 35823

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700889288H1

<400> 35823

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catgcctcgc cgtagctccg gtggaagatc tgcccgtcct gctcctcggg cagctcctcg 120
tcttgctcca gttcaccatg ctctcctcc agccccctgct cagagtgggtg gtggatctat 180
gcttggtggc attggttcaa ccatagctca aggtatggct tttggcaccg gaagtgc 238

<210> 35824

<211> 235

<212> DNA

<213> Glycine max

<223> Clone ID: 700889289H1

<400> 35824

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atcacccctg aggaccctga tttttctttc attcaaggcc tggcagaagc tggacttata 120
gaaagcaggc tttcaagatg ttatgataga ccgtgggtcca caaatgaagc ctatggccca 180
tttaacttct ccccggaag ccctttatca cgtcaggatc gtgacacttg gaaga 235

<210> 35825

<211> 219

<212> DNA

<213> Glycine max

<223> Clone ID: 700889290H1

<400> 35825

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 aaaaagataa caatgagaaa accttggtgt gacaaggaaa acatcaataa aggtgcctgg 120
 tccaagcaag aagaccaaaa gctcattgac tacatccaag tccatggtga aggtggttgg 180
 cgttccattc ctaaaactgc tgggctgcat cgttgtggc 219

<210> 35826

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700889291H1

<400> 35826

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 tctctctctc tctccctctc tccttcccca agatgtcgag cgccgatccc gagcaccgag 120
 aagaggagga ggcacccgcc gtcggcgacg acgaggacac cggagcacac gtcgctccca 180
 tcgtcaagct cgaggagggt gctgtcacca ccggcgagga ggacgaagat gcaatccta 239

<210> 35827

<211> 236

<212> DNA

<213> Glycine max

<223> Clone ID: 700889292H1

<400> 35827

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 ctgggtccggc cctcgtgcgt gtccgcgcgg taccgcgctc tgtgcctgcg caccctctcg 120
 aactacccgg gtcccgccta cacgccgtta gacgtggcca gggcagcttt cagggttaagc 180
 ctggcccaca cgcgccgggc ctccaaattc ctccatgcac tttctcatgg aggcgc 236

<210> 35828

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700889295H1

<400> 35828

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cagtagtgag tacaaaggag agcatcatgg tgaacacaaa gctggagagt accatggtga 120
gcacaagcca gagcacaag aggggttcct agacaaagtc aaggacaaga tccatggtga 180
gggcggcgcc gccgagggcg agacgaagaa gaaggagaag aagaagaagg accatggcca 240
tgag 244

<210> 35829

<211> 73

<212> DNA

<213> Glycine max

<223> Clone ID: 700889296H1

<400> 35829

gccgatccag ccggtctaac agcgttgagt acttctggaa gaatttatga tgccaaaatt 60
attgtttaat att 73

<210> 35830

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700889301H1

<400> 35830

ataacactca tcgtacttat acttttcact tttatctcta tctatccatt ccattttcta 60
attctgaaat ttgttgatcc aggggtgtttt cactggccgt ttggggacaa acctaaacca 120
tggtgttgaa gcagttgggt atggaacaga aaacggcact gattactggc tagtgaggaa 180
ctcatggggc tcagcatggg gggagaatgg ttacatcaag ctagagagaa atgtgcaaaa 240
tact 244

<210> 35831

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700889266H1

<400> 35831

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gctgatgggtg gcgatcggga agaacaacaa cacgggagag acgaccgtag tagaagctcc 120
tgggctgaag tcgtctccca ggtccaacaa gatcaccctc ttctctcatca ccaacacaag 180
gaacaatatc gtcctcagta cgaggagccc caatctcaaa gttcttacia accccagaag 240
gtgg 244

<210> 35832

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700889234H1

<400> 35832

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agaagttgta gtcaatggca ttgctgtaaa ggtgaaatat tgtgagactt gtatgttgta 180
tcgtctctct cgttgctcgc attgctccat ttgcaacaac tgtgttgagc gttttgatca 240
ccat 244

<210> 35833

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700889236H1

<400> 35833

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tatcagctat tcagctgttg gtggcttctc tgatcagatc aggggaattga gggagtcaat 120
tgaactacct ctgatgaatc ctgagctctt tcttcgagtt ggaattaaac ctccaaaggg 180
tgttctcctt tacgggcctc ctggtactgg taaaacattg ttagccaggg ctattgccag 240
ta 242

<210> 35834
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700889237H1

<400> 35834

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ccaagcctcc gccgcaattt tccggccatg tacctcgaaa tcgaggtttt tgaccggctc 120
ttccggtaaa ctttaaccggg aagtgactat gcggccaatg gggtgccctc cttctgcctc 180
tttcaagggtt gaagccaaga agggagagtg gttacctggc ttggcctccc caacttacc 239

<210> 35835
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700889238H1

<400> 35835

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taatattggg tctggtggtg gcatgattaa ggtggaagga gagggaaaat ttgagcgagt 120
tagtggaaca agtataggcg gaggcacttt ctggggttta ggaaagcttt taaccaagtg 180
caagagtttt gatgagctgc tggaattaag ttatcggggg aacaatagag cggtagata 239

<210> 35836
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700889240H1

<400> 35836

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ttgtgttggg gggacaagtg ttcgtgagga tcagcgcatt ctccaagtg gtgtccatac 120
tgttgttggc actcctgggc gagtgtttga catgctgccc aggcagtctc ttcgcccaga 180
ttgcataaag atgtttgttt tggatgaggc tgatgaaatg ctttcacgtg gtttcaagg 239

002220-ETFE960

<210> 35837
<211> 241
<212> DNA
<213> Glycine max

<223> unsure at all n locations
<223> Clone ID: 700889241H1

<400> 35837

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cttcaccttc ttgcgccg tccagatctga tccctcagat caccgctaca aagaaggcga 120
ccccgtccct ctctacgcca acaaagttgg ccccttccac aaccctagcg atccctancg 180
ttacttcgac cttccctttt gtgaaccagg tgatttgaaa gagaagaagg aggcgctcgg 240
g 241

<210> 35838
<211> 236
<212> DNA
<213> Glycine max

<223> Clone ID: 700889242H1

<400> 35838

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accgcgggga ggattgacag gcatgacttt gctccccca atataaatgc caaggcgctc 120
cttagcttca acgggtcgca gagtggtggt ggtggtggtg gtgccgtcga cccgttacc 180
atgaagaaaa atattcatgg aattctaaat actgtgagtt ggggagttct gtttcc 236

<210> 35839
<211> 239
<212> DNA
<213> Glycine max

<223> Clone ID: 700889245H1

<400> 35839

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caattgaatt gaattcttct ctacaaaaag catatttgcg gaaagggtact gcgtgcatga 120

agcttgagga atatgagact gctaaggctg ctctagaggt ggggtgcatca ttgtctccag 180
 acaactcaag gtttgctact ttgatcaaag aatgtgataa gctcattgca gaagaatct 239

<210> 35840
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889246H1

<400> 35840

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 ccaggattca cttcatgctt tcattctatg ctcccgatgat ttcagctgag aaggctcacc 120
 atgagcagtt atcagttggt gaaatcacia acagcgcatt cgagccatca tctatgatgg 180
 ccaagtgtga tcctcgatcat ggaaaataca tggcttgctg tctcatgtac cggggatgatg 240
 tt 242

<210> 35841
 <211> 242
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889247H1

<400> 35841

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 atctctcacc tgaaaatgtc ttgctgcggt ggtaactgtg gttgcggaag ctctgcaag 120
 tgcggcaacg gctgcggagg ctgcaagatg taccagact tgagctacac tgagtcaacc 180
 accaccgaga ccttggtcat gggagtggca cctgttaagg ctcaatttga gggtgctgaa 240
 at 242

<210> 35842
 <211> 247
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889248H1

<400> 35842

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atgtcggaaa agggtcggcc acttcccaaa tttggtgaat gggatgtcaa tgatccagcc 120
tcagctgagg gggtcacagt gatttttaat aaggccaggg atgagaaaaa gacaggtggc 180
aaccagagt caccaggaaa gactgctact gatcctcata gcaaacctgc agtagagcct 240
ggcaaaa 247

<210> 35843
<211> 233
<212> DNA
<213> Glycine max
<223> Clone ID: 700889249H1
<400> 35843

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cagatgggta aggaaaagg tccatcagt attgtggtca ttggccatgt cgactctggg 120
aaatccacta aactgggtcc actggttttc caagctggga ggccttgacc agcgtgggat 180
tgagaagggtt gagaaggaag ctgctgagat gcaccagagg tctttcaagt atg 233

<210> 35844
<211> 243
<212> DNA
<213> Glycine max
<223> Clone ID: 700889250H1
<400> 35844

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aaaatgaaat gaatcaattc atattgatag tattgctatg cttagtcccc aaagaaccag 120
atttcgtaaa caacatagag gcagactgaa aggaatatcc tatcgaggga atcatatttg 180
cttcggaaga tatgctcttc aagcacttga gccagcttgg ataacatcta gacaaataga 240
agc 243

<210> 35845
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700889251H1

<400> 35845

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gtggtgctag agacactatt gtcctcactt tgagattatt catcctgagg aggctgggga 120
ggaaaggagg gttaaggagg aggggttaat cctttaacag gtgaaggaat gtcccgactg 180
ctttgcgaaa atctctcgtg tgcgtgggat gtgcagacca ccgagatagg gatttggagt 240

<210> 35846

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700889252H1

<400> 35846

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gatgtgaaaa gtccaaacat ttttgagcga gctaaggagg agattgaggc agtgtttcat 180
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<210> 35847

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700889253H1

<400> 35847

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atacagcccc aggagctgca gtttcccttt gaattgagga agcagatctc gtgctctttg 180
cagttgtcta acaagactga caactatgtg gcttccaagg tcaagacaac aaatcctaag 240

<210> 35848

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700889254H1

<400> 35848

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gacaactttt catagatgga gagtggaaag tccctcttct caacaatcgg tttccgatca 120
tcaaccccg c tactgaagac atcatagggc atattccagc ggttattaag gaaattgtta 180
actttgcggg gaatttgcta aaaaaagcct tttcccataa caaaggcaaa gattggtct 239

<210> 35849

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700889256H1

<400> 35849

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aattaagggtg aaaatgaagg catcacccat tgcttggttc actttggtgg ttgtgtttct 120
tgtggctgaa gttcaagttt caatggcagt gacatgcagc ccagtgcagc tgagtgcag 180
tgtaagtga ataacctctt caacccctcc atcaaacta tgctgctcca agatcaaa 238

<210> 35850

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700889257H1

<400> 35850

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ttttatcact ctcttccgcc aataacgaag gcatatggca ccgtttgcct gttggctacc 120
gcaacttacc atcttggatt atatcatcca gcttacattg cactattcta cgataaagt 180
ttctacggtt ttcagggttg gaggttggtc acaaacttat ttttccttgg accattc 237

<210> 35851

<211> 238

<212> DNA

<213> Glycine max

<223> Clone ID: 700889258H1

<400> 35851

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 catgccaaagg ttgttccaaa acaatatgac atcttccatg caggaaggta cccttcatct 120
 cgcaggactc attcctcttc ctctcttctg tcatcacttt caccctcttc ttctctcttt 180
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<210> 35852

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700889260H1

<400> 35852

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 tgggaagata tgtgccgcct gaagttgttg ctgttcgggt gccacttcta aatttgcca 180
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<210> 35853

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700889262H1

<400> 35853

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 cctcttgctc cgattcaccg gaaacgagtt cagcttgag accaaatcca ccatcggtgt 180
 cgaattcgcc acgcgaagtg cccggtgat agcaagctcg tcaaggcaca aatctgggac 240

a 241

<210> 35854

<211> 237

<212> DNA

<213> Glycine max

<223> Clone ID: 700889263H1

<400> 35854

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 attgcggttc gagcttggga tgaaggcttc aacactcagc ctgaacacct catttggact 180
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<210> 35855

<211> 251

<212> DNA

<213> Glycine max

<223> Clone ID: 700889264H1

<400> 35855

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 gcttcacgc tgagaagaga tgcgtctctc taatgtccg tttggcatgg cactctgctg 180
 gaacctttga caagggcacg aagaccggtg gaccgctcgg aaccatcaag caccctgccg 240
 aactggctca c 251

<210> 35856

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700889265H1

<400> 35856

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 aagagaatca ctttattttc tttgtgtgtg agagagagaa aactgtagaa tgaaatatct 180
 gtcgcttcct tattcatcat cagtttagag ctgttgaagt ttgttaaaaa gaaacaaaaa 240
 caa 243

<210> 35857
 <211> 253
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700889232H1

 <400> 35857

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 ctgaagtact tcaccaaaca caaatctaaa aactctcaaa agtcatttcg ttctttgacg 120
 ctcactttcc ggggacgaag ttggtggcat aggcccaggc gttgttggtg acagggtcag 180
 caaggtgatc ggcgaggttc tccaatggac ctttccggt gacaatggcc tgaacaaaga 240
 agccaaacat aga 253

<210> 35858
 <211> 249
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700889201H1

 <400> 35858

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 aaccctgatg atgttggtgtt tgggggatgg gatatcagta acttgaacct ggctgatgcc 120
 atggccaggg ccaaggtggt tgatatcgac ctgcagaaac agttgaggcc gtacatggaa 180
 tccatggttc cactccccgg aatctatgac ccggatttca ttgctgcaa ccaaggagac 240
 cgtgccact 249

<210> 35859
 <211> 247
 <212> DNA
 <213> Glycine max

 <223> Clone ID: 700889202H1

 <400> 35859

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aatttttcac aaattagaaa tcgataaaga aaatggtgag ggtggtgaga agctgcattc 180
aatcgacatt gaagctggta aactcggtaa ttgggatggc cgggctagcc atgattctat 240
actccgc 247

<210> 35860
<211> 245
<212> DNA
<213> Glycine max
<223> Clone ID: 700889203H1
<400> 35860

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ctggatcggg agctctgata ccaacttgaa agataataat ctgaatattc ctgtaaagct 180
ctattttcga agagtgaata caaaacttat ttataagctg gcagcaacct aattaaagaa 240
ataaa 245

<210> 35861
<211> 246
<212> DNA
<213> Glycine max
<223> Clone ID: 700889204H1
<400> 35861

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ttaccaacat gaaaatcaag caaattctct tgttctcact cctactactt gccccctttt 120
tctcaatcac cactttagct caatcaccag ctgcagcccc caaagcccca gcaaaacttg 180
caccttcaaa acctgtctct gccacaccgg ctccagcgcc cgcaaaacca ttagtccctt 240
cattac 246

<210> 35862
<211> 243
<212> DNA
<213> Glycine max
<223> Clone ID: 700889205H1

002220-CTT560

<400> 35862
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gagaagagct agagagaggg taccctcttg ttaatttgca ctgtttttgt gtctgttgct 180
gcacttttag gagtgcttct attctaacaa cctctgcaa ccaacacaag cctgaaaata 240
aaa 243

<210> 35863
<211> 242
<212> DNA
<213> Glycine max

<223> Clone ID: 700889206H1

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acgccgccgc cgatggggtg cccggaactc ccgccataag ggaaatgaga cccgagaccg 120
cgacccatgc gggaatcggg tcgggtggga ttcggagggt gaatttccga gcggagattg 180
atacgtcacc gccgtttggg tcggtgaaag aggccgtgac ccgttttgga ggtagcgggc 240
ct 242

<210> 35864
<211> 241
<212> DNA
<213> Glycine max

<223> Clone ID: 700889207H1

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accccagttc aatccactga gctttaatgc tattcaaggg gattgtgtct ctatgtacct 120
cagagagaag caaaacctat tgaatcttat tgatgggatt cctggacgag tcaacctcac 180
cttggactta tggacttcaa accaaacatc ggcctatggt tttgttcgag ggcacttcgt 240
t 241

<210> 35865

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gt 242

<210> 35868
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700889212H1

<400> 35868

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accggaaggt acggtgggga ctcgagattg cagctcgaga ggatcaatgt cgactacaac 120
gaggccagtt gcggtcgggt cgtgccgcgc gcggttctca tggacctcga accgggcacc 180
atggacagcg tccggtccgg gccgtacggg cagatcttca ggcccgacaa ctttgtgttt 240

<210> 35869
<211> 240
<212> DNA
<213> Glycine max

<223> Clone ID: 700889213H1

<400> 35869

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tttgacacgg ggatggatcc aggtttctta gaggtgttgg agaagcacc tgaaaactca 180
gacagagtga aaaacctagt gtctattctc aaaaggggtc ctatctcccc ttacatttct 240

<210> 35870
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700889214H1

<400> 35870

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tgaagaagaa aatgccactg agcctagaga ctctccaac aagcttctgg tgggacaact 120

002250-CTT560

tccaaattca gaacatggaa atacagtttg gaatgctaaa ataattcttga tgaatggact 180
tagtaggtct gcgttggagg agctgtcatc tgataaaatt gtagatgatc gcattcctca 240
tttt 244

<210> 35871
<211> 244
<212> DNA
<213> Glycine max

<223> Clone ID: 700889215H1

<400> 35871

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tttgcttttt ctagcttggg ttgtttgcga tgaattgctt tgtttcaggg atttatgggtg 180
ccatggcagt tgcggggagt tttatatgtt caatcacggg aattgactct ctgggggggtt 240
tcca 244

<210> 35872
<211> 249
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<213> Glycine max

<223> Clone ID: 700889216H1

<400> 35872

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cctctcaact ttaacaacac aaccccagac aatagtactc tcgaagcata tcatcagctc 180
acgcaccatc ttggcaactc ttcttctgtt ctggtctcca gaacacaaca acaccactcc 240
ttggaaatt 249

<210> 35873
<211> 146
<212> DNA
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<223> Clone ID: 700889219H1

003220-CTTFS60

<400> 35873

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ccgattaggc gctttggatt tgatgtttat agctaggctg ggcaaggcac aatccctctt 120
gaataataaa tctatgcctg tttgtt 146

<210> 35874

<211> 244

<212> DNA

<213> Glycine max

<223> Clone ID: 700889220H1

<400> 35874

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cgacgaggaa cctgttgatc agaagagata tcttgaagag tcttgcaaac caaaatgtgt 180
aaaaccatta ctggaatacc aggcgtgcat taaaaggata catggtgatg attctgggca 240
gaaa 244

<210> 35875

<211> 239

<212> DNA

<213> Glycine max

<223> Clone ID: 700889223H1

<400> 35875

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gccgaagagc cggcatcatc aaagccctta ccaccgatgt tgaagatttc tacagccaat 180
gtgatcctga gaaggagaat ttgtgcttat atggatttcc taatgagcaa tgggaggtta 239

<210> 35876

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700889224H1

<400> 35876

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tgatggactc tatgttggtg catttggccc ttatggcatg gaaatagtgc atttgaggcg 180
aaaatttgga cattggaatg aagtggacaa tgaaaacaaa acttcagatg tgggattcct 240
t 241

<210> 35877

<211> 243

<212> DNA

<213> Glycine max

<223> Clone ID: 700889225H1

<400> 35877

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gaaattattg gagcagttac ttgtggctcc aaagaggctg atttcagggc cagaggattg 180
gccaatctac aattcagctg gatcctttct tcaattctga tatttgcagg aatcatttgc 240
ttg 243

<210> 35878

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700889226H1

<400> 35878

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ctgagtgcct tcaaatatta tcatacatca gacatatggc cagccacccc ttcattcacg 180
cgcgctgtgc ctactgcct agaatttcca atcgcaacag caaggagacc tcacaacaac 240

<210> 35879

<211> 241

<212> DNA

<213> Glycine max

<223> Clone ID: 700889227H1

<400> 35879

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ttcttgctac aagcagcaag atgtaatat tgaatccatcc aagtctacat catattccaa 180
tatgacatgt acatctgccc tctgcactca gcgctcgact gctacaggaa acgatccagg 240
a 241

<210> 35880

<211> 240

<212> DNA

<213> Glycine max

<223> Clone ID: 700889228H1

<400> 35880

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ccccagaagt gggaaggggtg agcatgagga agaccgtcac caagcaggtc tcctcaggaa 180
gcccattgga cgcccagac cgagtcaagt acttgggccc attctctggc gagcccccg 240

<210> 35881

<211> 242

<212> DNA

<213> Glycine max

<223> Clone ID: 700889229H1

<400> 35881

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ctgagaaggg tcattccttc ggataacagt tgcctcttca atgcagttgg atatgttatg 120
gatcatgaca aaaagaaagc tgctgagttg agacagggtta tagcagcaac agtagcaagt 180
gatccacaga aatattgtga agcatttctt gggaagccaa acgctgagta ttgtaactgg 240
at 242

<210> 35882
 <211> 244
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889230H1

<400> 35882

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 attgagaatg caggaggctg cgctgtcacc gatggaggat tcgccacgca gctcgaaaag 180
 catggagcct ccatcaacga tcctctttgg agcgccatct attgatcaa agaccacat 240
 ctta 244

<210> 35883
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 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889231H1

<400> 35883

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 gaagtgtgat gtggatatta ggaaggatct gtatggtaac attgttctta gtggtggctc 180
 aactatgttc cctggtattg ctgaccgat gagcaaagaa atcactgcac ttgctcctag 240
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<210> 35884
 <211> 197
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889196H1

<400> 35884

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gcatttgtgt tgttgctggt tgctgtcggt tccaattgtg gtttaattgga ttgcacaagc 180

tttgttcctg cttaacg 197

<210> 35885
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<212> DNA
<213> Glycine max

<223> Clone ID: 700889168H1

<400> 35885

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ttcaatttcc gggctgttca gttcgtgaat agactgttgt ttgttctaaa aagtagtgga 180

tagtaaaaat tatcgaactt ttttaagaga aaaatgcaga gtaaagaagc agttgtggaa 240

gatggggaaa taaagagtgt gactgc 266

<210> 35886
<211> 267
<212> DNA
<213> Glycine max

<223> Clone ID: 700889169H1

<400> 35886

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aggatcgccc ttatgcgcct tgtttggtgg caggaagcca tagacaaaat gttcgccaat 120

aaactgattg aacacccaac agcacaggcc ctgtcatctg tgatagctga gaccaaactc 180

agcaagatat gggtgaaacg atctgttgat gctcggatca atgatgcaag aagagaggtt 240

actgacatgc ccaaaactat tggagag 267

<210> 35887
<211> 265
<212> DNA
<213> Glycine max

<223> Clone ID: 700889171H1

<400> 35887

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 tacgaacgcc aatactgtga gctct 265

<210> 35888
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889172H1
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 tagtcattag atagaaagag aaggaaaaaa aaggctatta tggcaggagg aggagctcca 180
 gctaaagcag atgagccaca gccacatcca ccaaaggatc agttaccaa tatttcttac 240
 tgtattacta gtcctcctcc atggc 265

<210> 35889
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889173H1
 <400> 35889

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 agaaaatctt cgaagcattc gagaacgcc gaactccgat gagcgactcc gacgcggcgg 120
 ggttctgctc gcagagcagc gtgtaccgtc cggggatgga tgtaacgaaa gcagagctcg 180
 tcggaagaac caattggaga agacaagaaa agatggaaaa tggttgagaa tggaaagcta 240
 gggttttcga agtgcataac gtggttt 267

<210> 35890
 <211> 268
 <212> DNA

<213> Glycine max

<223> Clone ID: 700889174H1

<400> 35890

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 ctctcgaaat ccaatcatgt ctgccacatc cgtcaactcc gaacgagcac gcgcccctcc 180
 cgccattccc ttgccccctc cccctctctc cagcttcaaa attgggctct gtcaactctc 240
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<210> 35891

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700889175H1

<400> 35891

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 cagatttgct tagtgtgaag gcaaggatta gagcagttga aaaatcaatg gtggaagaaa 120
 ttgagaggca tgtgaaggaa caaaatctaa ccactacagc taacctagga gctctgacaa 180
 aggtgccaaa tgtggagaat cgcaacagaa aagaactcaa ggatgagagc acacatgatg 240
 tcaactcgtg gagaacaaga actga 265

<210> 35892

<211> 264

<212> DNA

<213> Glycine max

<223> Clone ID: 700889176H1

<400> 35892

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 aagctgaacc agagccagtt gatccttgat gacaattttc tgggatgctg aaatgttaca 120
 agtgcacaaac ggcatggatg cagtaaacc ctaatacaac tagccaacca acgtctggtg 180
 gattaaccga cactgaaaca acaaagaagc tgaattgaag tggaataaat aaagcgctag 240

ttcatcttta gttgagagca ggag

264

<210> 35893

<211> 266

<212> DNA

<213> Glycine max

<223> Clone ID: 700889177H1

<400> 35893

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tgtataacat atattattga ctgggaactg gagcaaatgc catcctgtta tgaactttta 120

tgtctatata taaatgtctt gtttgtttac ttttcagtta gaattttcat caggaagaag 180

ctaaggttgt aatatatttc atcctgttaa attaaattaa gcagtttcat cttctaaaaa 240

aaaaaaaaa aaggcggccg ccgact 266

<210> 35894

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700889178H1

<400> 35894

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cgccgacaaa ggctcctct acctcggcat gggcgtctcc ggcggcgaag acggcgcacg 180

ccacggcccc tccctcatgc ccggtgggtc ccaccaggcc tactccaacg tccaggacat 240

cctccacaaa atcgccgccc aggtcgacga 270

<210> 35895

<211> 274

<212> DNA

<213> Glycine max

<223> Clone ID: 700889180H1

<400> 35895

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agagaaaacc taagccaaca tgagtggcga cgccccaacc caaacccaaa cccaagccac 120
 cgacacccaaa ccagaagaaa cccacacca cacccaaacc atcactacca aaccggaaga 180
 atctcattct caatctcagt ctcagcctca gctcacact gccgattatg ctccataccc 240
 taaactggac cccaccgatg ttgcgccacc actc 274

<210> 35896
 <211> 259
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889181H1

<400> 35896

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 agtactgtag cagcaatttt atttgttggt attgcttctt gcttcttggt tatgctgtat 120
 aaattaatgt cattctgggt tgttgaagtt ctgggtgggtc tcttttgcac tgggtgggata 180
 gaggggtctac aaacttggtt ggtgggtctg ttatcatggt tcagatgggt tcaacaacct 240
 gctcaaacat ttgtgaaga 259

<210> 35897
 <211> 265
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889182H1

<400> 35897

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 catatggaag atgttggacg agagaaggga caggagtggt tacatcttaa actaccaatg 180
 ctacaagccc cccaacgaca gaatgctcgg caccgagttc tgtggcaagc ttatcagacg 240
 caccgaaaac ctggggcccca gcgag 265

<210> 35898
 <211> 249
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889183H1

<400> 35898

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 cacattgctg aattgaatat tagtgatggg cttgccacag attcccccaa atgaaactgc 120
 tgaaaaagtt gcacttggtg gtgcagcttt aactagctca ccgcagtttt ctgatgcaag 180
 tccctctgcc ataggcagca tgaacagtgt aaacactggt gggttggccg ggtgtgatct 240
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<210> 35899

<211> 252

<212> DNA

<213> Glycine max

<223> Clone ID: 700889184H1

<400> 35899

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 aagtaattgt tgaaaaaggg aagctggtgt acaacaaga tgggaggctt gtggatactg 120
 acggaaagtc caaatggata tttgttctta gcaccacaag gtccttgat gtggggcgca 180
 acagaaaggt gcatttcaac actctagctt ctagctgggg ctgctacaac agctgaggag 240
 attatggctc ac 252

<210> 35900

<211> 260

<212> DNA

<213> Glycine max

<223> Clone ID: 700889185H1

<400> 35900

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 tgaatggggt tgaggctgag aagaggcaag agaattggaca tgagaaagtg gattatgatg 120
 tgcaagagaa aatagactat gtttttaagg tgggtggtgat aggggactca gcagttggaa 180
 agactcaaat actctcaagg tttgcaaaga atgagttctg ctatgactca aagtccacca 240
 ttggggttga atccagacta 260

<210> 35901
 <211> 233
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889186H1

<400> 35901

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 ctcatgaatt ggggattccg tgtgtggctg tgtactccac cattgataag gacgcccttc 120
 atgtcaaact ggctgatgaa gctgtatgca tcggcgaacg ccgagtagcc agtcgtactt 180
 gctgatcccg gatgttctgt cggctgctat taagccgaaa tgcacgatgt tgc 233

<210> 35902
 <211> 266
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889187H1

<400> 35902

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 tggcaataac cttgatgata aggtcaaaga aactgaaggg attcttctca actcagagga 180
 gaattcaagt tcatcacaag ctgaaaattc ttctggggat gattcacttt tgctagatag 240
 catttgagc gacgattctc tattaa 266

<210> 35903
 <211> 264
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889188H1

<400> 35903

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 attccctaag gccttccac atgattacaa aagcattgag gttcttgagg gtgatggcaa 120
 gtctcctggt tctatccgcc acataagta tggatgaagg tcaccacttg tgaaatcatc 180

ctttgagaag attgaggctg ttgatgagga aaagaaggta gtgtcgtaca ctatcattga 240

tggggaatcc tccagcacta caaa 264

<210> 35904

<211> 256

<212> DNA

<213> Glycine max

<223> Clone ID: 700889190H1

<400> 35904

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gttttttgta tcttcttttg gagctgggtt cagattagat ttgcaagttg taatgttatt 120

aattttgtgt ccagatgaaa atgatttaag ttactattcc ttttctaggg attttgaaga 180

aagtcttgat ttttttaaaa atataacaat gaaaaatgga aatcaagatt ctagtagcaa 240

tcgatgcgag cgaata 256

<210> 35905

<211> 265

<212> DNA

<213> Glycine max

<223> Clone ID: 700889192H1

<400> 35905

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ctgggtccgt cctcgtgcgt gcacgcgcgg taccgcgctc tgtgcctgcg caccctctcg 120

aactacccgg gtcccgcgcaa cacgccgtta gacgtggcca gggcagcttt gagggtaagc 180

ctggcccaca cgcgcggggc ctccaaattc ctccatgcac tttctcatgg aggcgctgcc 240

gccatgagca agcgcagcg ctccg 265

<210> 35906

<211> 267

<212> DNA

<213> Glycine max

<223> Clone ID: 700889193H1

<400> 35906

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 acaccaacca aacaacaacc actaatgctt cccaccatc accacaatca tcatcatcat 120
 cgccttcacc agcacctact ggccaatata aggggtcaatc tccaacttca gacacaaacc 180
 aaacaccaag ccctatcagt gaacctcccc ctctccaaa tgctgctgct tcagcctttg 240
 tctccctagc tggctctgtt ggagcat 267

<210> 35907
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889195H1

<400> 35907

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 gaaggggtcta gctttgatgc gagcacttgg agaggagatt ggcaccccca ttgaggttta 120
 tggacccgaa gccacaatga ctggtatatg caaagaggca atacagttca ttacagccgc 180
 tgcttaaggt caacaacacc ttcatttata gtattttcat ggtgagtctg aagtgaacgt 240
 tgattcttaa tttccttttc cattcctg 268

<210> 35908
 <211> 267
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889167H1

<400> 35908

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 atagccaaag gccttctggg tcgtcgtgaa tctatcttgt gtttgagaga ttaagacaaa 180
 actttttgct ttgcaaattg ctgctgcaac tgctgcaact gcttcttgga tgcgattcaa 240
 aggcggaag gaaaggaagc taaccaa 267

<210> 35909
 <211> 271
 <212> DNA

<213> Glycine max

<223> Clone ID: 700889141H1

<400> 35909

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ccagcggcgc catcgatca tgggtgggtcc tactcctcct ccagcgtggg tacaccgtcc 120
atgccaccgt ccaagatatc aaggatgaaa atgagacgaa acatttggag gaaatggaag 180
gagcaaagag tcatctccat ttttttgaaa tggatcttct tgacatcgac tccattgccg 240
ctgccataaa gggttgttcc ggcgtaatcc a 271

<210> 35910

<211> 271

<212> DNA

<213> Glycine max

<223> Clone ID: 700889142H1

<400> 35910

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agtcatectc caaaattgat atttccatag cattcttttg ttgcttctct tgttgatcga 120
tttcttatg ttgtaataata ctgtctaata cattttaaaa cactatatcc aaattataca 180
tggaatgtag tgtagaaaat ttaatatgga gatttgaac ttttttggg tatttgttta 240
tttccaatt tgtataagga aaagcataaa a 271

<210> 35911

<211> 268

<212> DNA

<213> Glycine max

<223> Clone ID: 700889143H1

<400> 35911

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attctggctt ctatgtcccc ggttctggag aacttgatag atcgcccacg taagcatcgg 180
agctccgaga gaataatcca aatccacggc gtcccctgcg acgctgtcac cgccttcgtc 240

cgattcctct actcctccag gtgtacgg

268

<210> 35912
<211> 260
<212> DNA
<213> Glycine max

<223> Clone ID: 700889144H1

<400> 35912

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gaagaaaaga tgccgttgaa ggtgtagag gcgacagtgt cgagtttcga tgtgggtttt 120
gagaagttcc gatcagaggc tccacaaaac aaggccaatc tcatcctctt cttggcggac 180
aatgaccggg ctacctctct cagctggtgc cctgattgtg tgagagcaaa cctgtgatat 240
acaagaagct ggaggcttca 260

<210> 35913
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700889145H1

<400> 35913

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gaaaatctga acaccgtgaa gccgaaaatg aaccagatgt tcaattttgg tcacaatctg 120
gagggctact acagcccaat agatcaggtg gaacagaaac cactgggttaa ccagtatgtt 180
aaccctgccc cgttccctgg aaacggagtt caagtctcac ctgttactcc atctgctgat 240
gttactgctt acttcagctc tgagcattcg agc 273

<210> 35914
<211> 271
<212> DNA
<213> Glycine max

<223> Clone ID: 700889146H1

<400> 35914

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 agtttgtgcta gagtctccaa gggatggcacc acacagatga gatttcagcc tcgtctcggg 180
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<210> 35915
 <211> 277
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889147H1

<400> 35915

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 gaagaagaga agaaagagga gagaaaaact gaggaatcaa aagatgacaa agaattctaag 180
 gagaaagttg cgccgtcaga aatcgtgctt aaagtgttca tgcattgtga aggggtgtgct 240
 cgcaagggttc gtcgctccct caaaggattc ccagggg 277

<210> 35916
 <211> 275
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889148H1

<400> 35916

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 gtgaacgagg gacaccctga caagctctgc gaccaaactc ccgatgctgt cctcgacgct 180
 tgctcgagc aggaccaga cagcaaagtt gcctgcgaaa catgcaccaa aaccaacttg 240
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<210> 35917
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889149H1

<400> 35917

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 ggtaaaatca gcttacaaaa agaagggtgtg ggaatctcac cctgatctat ttccttctca 180
 tgaaaagcct ctcgctgagt ctaagtttaa actgatttca gaagcttaca catgcctgga 240
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<210> 35918

<211> 270

<212> DNA

<213> Glycine max

<223> Clone ID: 700889150H1

<400> 35918

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 tgaatctatc attgttcctt aagaagtttg gaaactctac tttcctcatt gactcaattc 180
 cagtggcaga gtttcaaggt cgaccactag ccgatcacc tgctgtgaaa aatggacgtc 240
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<210> 35919

<211> 269

<212> DNA

<213> Glycine max

<223> Clone ID: 700889151H1

<400> 35919

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 aacattgacc aagggtgtt tgcagtactt ggtgcagcct cctcatggc tggttccatg 120
 aggatgactg tatccctttg tgtgatcttc cttgaactca ccaacaatct tctcctacta 180
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<210> 35920
 <211> 268
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889152H1

<400> 35920

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 ggtggatttg ttgccgttga gattccgttt actccccggg caaagcgtgt ttggaattc 180
 tcaactggagg aagctcgcca acttggtcat aattatattg gatctgagca cttgcttctt 240
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<210> 35921
 <211> 270
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889155H1

<400> 35921

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 tcttgctctt gcaggagaga gccatgtcca tgcactgcta cctgaggaag attattggga 120
 agctgttttg ccaaacactc ccattcccac tgcactgcca gagcttctaa agcctctccc 180
 tgcagggtgtt ggaatcgatg aactccctaa gcaaattgat gatacacagt acccaaaaaac 240
 attcttctat aaagaagacc ttcattccagg 270

<210> 35922
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889156H1

<400> 35922

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 aataatcaat tgagctactt actataagat ttagatctcc caacagagag tttcacaaaa 120

ttgccaagta ccccttttcag gatcaaggaa gagaatcaag aaccaacaaa aggtgttggt 180
 cattgttgta gttgtttgta actgtagcaa caggaagatg gttggaaagt tggttgtggt 240
 gaggcttggtg ttggccatat ctgtgttgag c 271

<210> 35923
 <211> 269
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889157H1
 <400> 35923

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 aataaatttt agatagaaaa aagacttaaa aaggaggatt tgaaatgcga gatctaaaaa 120
 catatctttc cgtggcacca gtagtaagta ctctatgggt cggggctttg gcgggtctct 180
 tgatagagat caatcgtttt tttccagatg cattgatatt cccctttttt tcattctagt 240
 tattgacacg gaaaggggtg aagaagatt 269

<210> 35924
 <211> 265
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889158H1
 <400> 35924

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 tctgacattg ctatgctggt ggctgaggag tacgagagga gggtaagag ttaagaaag 120
 tccggtggtg gaactggagc cggggaattt gacatggttt cttgtgtttc ggtgatagt 180
 tcgaggctca aggaaaagaa acaacttctg caatgggttt tggagcccaa gactcaagtc 240
 gctatggctg cttccaacag cttct 265

<210> 35925
 <211> 267
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889159H1

<211> 266
<212> DNA
<213> Glycine max

<223> Clone ID: 700889166H1

<400> 35931

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gagattacgc cctcttgctc ccaagcttcc caacaccaa actatcacta cccctttcga 120
tctcaagagc ttcacagggc ccgaaagtgg cccagaaaa cccgtttcct ctgacgacac 180
taagaaggat ccaccttcac cccaaggcca gattgaaacg caccagaggag ggacacgggtg 240
gaatcctacg caagaacaga taggca 266

<210> 35932
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700889140H1

<400> 35932

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tttaacgcca atttcccatc caagcactat tccggatata taagtattga tggaaatact 180
gaaagtggga agaacctgtt ctactacttc gttagttcag aaagaagtcc agagaaggac 240
ccagttgtgc tatggctgaa tgggtggacct ggg 273

<210> 35933
<211> 80
<212> DNA
<213> Glycine max

<223> Clone ID: 700889112H1

<400> 35933

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tatttagcta attagctata 80

<210> 35934

agtaccgtgg atcccatgaa ggaacctcct ctggttacag caaacactgt ctgttcaatc 240
 ttggccatgg attaccgggc tgatacaata tcatgcta 278

<210> 35937
 <211> 274
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889118H1
 <400> 35937

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 ggggcaaagt tcacacaagt ttcctatgct gttggcagag acacaaggat tggaccgaaa 120
 ttctcaatg ctagtgttgg ttttgggtga tctgtcttcc agaaggacat cttgaacctt 180
 gtctacatct gtgaatgtaa tggccttcca gaggtggctg agtactggaa acaagtgatc 240
 aaggtcaatg attatcagaa gagccgggtc gtga 274

<210> 35938
 <211> 272
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889119H1
 <400> 35938

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 cgtcaagaat ttgctgagtt ctacaaaagt gcccttctct atttggcata cacatcagtg 120
 gaatctctct ctgattcatt caagctggat ctggcatttg atttgtccct ctctgccctt 180
 cttggggata acatctacaa cttcggagag ctacttgccc atcctataat taagagcctt 240
 atggggacaa aggtggaatg gctttactac at 272

<210> 35939
 <211> 272
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889120H1
 <400> 35939

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gagagggact ggaaagtgag gagacttaca acacataccc cacaattttt agggcttcca 120
actgggggtt ggccaacagg aggtggcttt gatcgggctg gagaagacat tgtgattgga 180
tttgtggact cagggatcta tctcatcac ccaagttttg cagctcataa tgctgagcca 240
tatgggccag ttccaaagta tagaggaaaa tg 272

<210> 35940
<211> 275
<212> DNA
<213> Glycine max
<223> Clone ID: 700889121H1
<400> 35940

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ttccgagctt gttagatcca cgacaagggt tcgtttccca gattcttttg taaaaaaaaa 120
ttcttctctt gcccaacagg taagttgtaa aaaaatggac catgacaaga ctgggtgccca 180
agctcctcct gaaggctcta tattgtgcat caacaactgt gggttttttg gaagtgcagc 240
taccatgaac atgtgttcta aatgccacaa agaca 275

<210> 35941
<211> 273
<212> DNA
<213> Glycine max
<223> Clone ID: 700889122H1
<400> 35941

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tgctcccga ctcggcaaat atggaggaag ctcgtcaccg agtcttccaa ttcttcagaa 120
cggcttgagc atcgttacc tccgtcatgg aaatctacaa cctctacgac gtcgtttccg 180
tctccgaact cgcctcctct gtctcctccc agatccgtaa gaacatccac gtcaccgatc 240
ccaaagtgat cgatatgctg cttttcaagg gga 273

<210> 35942
<211> 274
<212> DNA

tccaacagaa gagaagattt tatttggttc ag

272

<210> 35945
<211> 273
<212> DNA
<213> Glycine max

<223> Clone ID: 700889126H1

<400> 35945

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ttagatgaga ggaattgaat tgacagggtt atttggtcaa ttagaaaatc ggggttttct 120
gagaggatct gacggatttg aataaacaga gaagctacct tgtgtacaaa tgtgcttcag 180
aagtgttgag gccagcaaca tgcattcagc ctcttttgta attttttgcc attctgctgt 240
tatagttgaa gtttttgtaa aatagtactc tct 273

<210> 35946
<211> 274
<212> DNA
<213> Glycine max

<223> Clone ID: 700889128H1

<400> 35946

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tcctctcctt caccgtcgct ctctccaacg atcacaacaa catcgtcac ccatggcaaa 120
cgccgcatct ggtatggcag tccatgatga ctgcaagtta aggttttttg agctgaagac 180
aaagaggaca caccgtttca tagtttttaa gattgaggag cagcagaagc aggtcattgt 240
ggagaagctt ggtgagccag cccaaggcta tgaa 274

<210> 35947
<211> 276
<212> DNA
<213> Glycine max

<223> Clone ID: 700889129H1

<400> 35947

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ttcaggcagc agcacccttg cccaacaaca aatgggttcc gagtcattgt tgcaccagtc 120
gattcgggaa aaaacttaac caaactagag cgtgtccaac acgggatcaa gcgtggaaag 180
agcaggcttc agaagcttaa tgcaatggtg ttggcagcat catcaacacc tgattctgaa 240
gatcagttag aagcccctat tcacgcagga aatggg 276

<210> 35948
<211> 277
<212> DNA
<213> Glycine max
<223> Clone ID: 700889130H1
<400> 35948

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ctcgacagga tccgaaagct cgccgacaac tgcaccggtc tccagggttt cctcgtcttc 120
aacgccgtcg gtggcggcac cggttctggc ttgggctcgc ttctcttgga gcgtctctcc 180
gttgactatg gaaaaaagtc aaagctcggg ttcaccgttt atccatcccc tcagggttcg 240
acctcggtcg tggaacccta caacagcgtc ctttcaa 277

<210> 35949
<211> 278
<212> DNA
<213> Glycine max
<223> Clone ID: 700889131H1
<400> 35949

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agcttcagca ctggaagggt aattacagga gagcaatctg tgtaatatat tcaacagtgg 120
cgcgatatta agataatata gttggattct ttgaaattt gttggtgtca tttttttaat 180
cttacttgac ttctgtaata agtgttccaa ggtcaaacc attgtgggga tttcttggtt 240
gagactagat atthtttgaa ttgtgttttt gcagttga 278

<210> 35950
<211> 279
<212> DNA
<213> Glycine max

<210> 35953
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889136H1

<400> 35953

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 catctcagtc atgggcctgc tatcttggtt taggtctacc gtcctgagaa aatgttccaa 120
 aggaagctct ggcatgtcaa gattcctgta tacgaacaat tttcaacgaa acttgatttc 180
 gtctggtggc aatgaatcgt attatgggta ttttaacagg agatcatata cttcacttta 240
 tatgggaact ggaactgtgg gtgggattac a 271

<210> 35954
 <211> 271
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889137H1

<400> 35954

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 ttcattatag ggtatatata ttttcataa atatcttttt ttatgccgat aggagaaaga 180
 aatcaaaciaa gggatacatt tagtcgtagg ataaaggggt aaagggctta aactttgggt 240
 atgtaactat aaattagaat attaatttg a 271

<210> 35955
 <211> 272
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889138H1

<400> 35955

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tgatggagct ctacgccgac gtcactcccc gcaccgccga gaacttccgc gcgctttgca 180
 ccggcgagaa gggcgtaggg cggagcggca agcccccca ctacaagggc tcgtccttcc 240
 accgcgtgat cccgagtttc atgtgtcagg gt 272

<210> 35956
 <211> 275
 <212> DNA
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 <223> Clone ID: 700889111H1
 <400> 35956

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<210> 35957
 <211> 232
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889070H1
 <400> 35957

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 aatgccagag acagccaatt cttcagcaaa gtcacccctc tcaacaacaa cattaaacag 120
 actgaggttc ccaaaaatga aggccaagta aacaagccag aacaacaacc agttttcacc 180
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<210> 35958
 <211> 231
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889071H1
 <400> 35958

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 tgtgagcaat gaccaaattg ctgctgacct taaagagcat gttatcaagc ctgtcattcc 180
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<210> 35959
 <211> 191
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889073H1

<400> 35959

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 gaaagaaaga attgaagaaa gatccccctt cccagtcagtg gttcaagat catatgctaa 180
 tctctttgac t 191

<210> 35960
 <211> 232
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889075H1

<400> 35960

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 cagcgtatt cacaagggtc aagtcgatct cttagacttc attgactggt ctgggggtga 120
 atgcctcaat caaagctcca cccactctct cccaatgct atcaaacagg gttatagaga 180
 agacgatggt ttgcatctgg agagtgatgc agacgagcag cttttgctct at 232

<210> 35961
 <211> 225
 <212> DNA
 <213> Glycine max

<223> Clone ID: 700889077H1

<400> 35961

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 acgccaagga gaacgtgtca gactctacgt gaggggtaca atccttggat acaaaagggtc 120
 caagtcaaac cagtatccaa atacatccct gatccaaatt gaggggtgtga atgccaaaga 180
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<210> 35962
 <211> 230
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889079H1
 <400> 35962

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 cataattaat ctctgaaat ttgaagcaaa tgacagaaaa aataaggctt gggaatcaca 180
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<210> 35963
 <211> 230
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889080H1
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 cggcgcgtct tgcagcaacg cgttccccct cgcgtaccgg gttctcgtga tgggtgtcgt 180
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<210> 35964
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889081H1
 <400> 35964

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 ctaaaacagt acggatactt gagcaaagga acaaattattg aagtgtccaa tgcgtaccaa 180
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<210> 35965
 <211> 230
 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889082H1
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 gacagcggca aagtggacaa ggccaaggtg gctgacgctg ccggcgatct tctcgacgcg 180
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<210> 35966
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889083H1
 <400> 35966

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 cagcgtcatc cacaatccca ttatttctcg ttcccagcag aagcagttat ctgttattat 180
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<210> 35967
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 <212> DNA
 <213> Glycine max
 <223> Clone ID: 700889084H1
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